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Analyses of Commercial Fertilizers

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BULLETIN NO. 298

Analyses of Commercial Fertilizers

By H. E. Curtis, H. R. Allen and Lelah Gault

This Bulletin gives the names of all brands of fertilizer registered in this State during the year 1929, the names of the manufacturers and the official analyses.

Those interested in the use of fertilizers for different crops should apply to the College of Agriculture, the Experiment Station, or to their County Agents, and such literature as bears on the subject in which they are interested will be furnished. Bulletin No. 228 of the Experiment Station, showing the results obtained on the soil experiment fields, is of special interest to all users of fertilizers.

Samples Analyzed

During the year, 720 brands of fertilizer were registered as follows:

Complete fertilizers, containing all three of the essential ingredients—phosphoric acid, nitrogen and potash	453 brands
Nitrogenous superphosphates	15 brands
Superphosphate and potash mixtures	69 brands
Superphosphates	98 brands
Bones, tankage, etc.	51 brands
Nitrate of soda, sulfate of ammonia, etc.	24 brands
Potash salts	9 brands
Nitrogen and potash salts	1 brand

We have analyzed 799 samples of fertilizer collected by our inspectors or sent in by various persons in the State, in addition to the official samples. These analyses are to be found in the following pages, and have been divided into two groups. The first group, Table I, contains all analyses that are considered satisfactory, either because the analyses run high in all respects, or the deficiency in one ingredient is fully met by the excess in another. The second group, Table II, contains those analyses that are considered deficient.

As has been our custom, we have shown an index of relative value for the purpose of comparison. The following factors have been used in computing these values:

Available phosphoric acid in mixed fertilizers	1.5
Available phosphoric acid in superphosphates	1.2
Insoluble phosphoric acid in complete fertilizers	0.4
Insoluble phosphoric acid in nitrogenous superphosphates	0.4
Phosphoric acid in bone	1.0
Nitrogen in all fertilizers	4.0
Potash from muriate	1.2
Potash from sulfate	1.5

Explanation of the Tables

In the tables of analyses, following the name of each brand, will be found the analyses of such samples as have been collected by our inspectors, sent in by farmers, or furnished by the manufacturer, and the manufacturer's guaranty, printed last, in italic figures. In Table II, the figures set in bold-face type are those results which are considered too low to be acceptable. Sometimes the same brand of fertilizer will be found in both Tables I and II, in which case it is marked in each table with a (†) dagger.

There are a number of samples in which the potash is guaranteed from sulfate and the analysis shows the potash classed as muriate. Some of these analyses have been placed in Table I, while others were placed in Table II.

Effective January 1, 1927, the following standards were made in an effort to raise the grade of the formulas sold in the State:

1. Complete fertilizers must contain a minimum of 12 percent of ammonia, phosphoric acid and potash, the ammonia and potash being not less than 1 percent each.

2. Ammoniated phosphates must contain 14 percent of ammonia and phosphoric acid, the ammonia being not less than 2 percent.

3. Phosphate and potash mixtures must contain 14 percent of phosphoric acid and potash, the potash being not less than 4 percent.

4. Superphosphates must contain not less than 16 percent of available phosphoric acid.

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TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Alabama Chemical Co. (of Ala.),	**Montgomery, Ala.**
94680	Red Cross Fertilizer	Cayce-Yost Co., Hopkinsville
		Guaranteed
94407	Red Cross Tobacco Fertilizer	Manufacturer
		Guaranteed
94408	Red Cross Extra Fertilizer	Manufacturer
		Guaranteed
94409	Red Cross Acid and Potash	Manufacturer
		Guaranteed
94681	Red Cross Superphosphate	Cayce-Yost Co., Hopkinsville
95421		Dairyman's Feed and Supply Co., Mayfield
		Guaranteed
	The American Agricultural Chem.	**Co., Cincinnati, O.**
93988	A. A. Tobacco and Truck Fertilizer	Manufacturer
		Guaranteed
94682	A. A. Ky. Tobacco Grower	Geo. L. Gillum and Son, Russellville
94897		The Harlan Fruit Co., Middlesboro
94898		Jack Strother, Milton
94899		William Addams, Cynthiana
95265		J. W. Schoolcraft, Somerset
		Guaranteed
93990	A. A. Sure Crop Fertilizer	Manufacturer
		Guaranteed
93991	A. A. Apex Mixture	Manufacturer
		Guaranteed
93992	A. A. 20% Superphosphate	Manufacturer
		Guaranteed
95422	A. A. 16% Superphosphate	Denton Hardware Co., Madisonville
		Guaranteed
94683	A. A. Ground Bone	Hill Hardware Co., Bowling Green
		Guaranteed
93995	A. A. Raw Bone	*
		Guaranteed
94900	A. A. 10-4 Mixture	Otto Keith, Upton
		Guaranteed
93997	A. A. Paramount Fertilizer	Manufacturer
		Guaranteed
93998	A. A. High Grade Tobacco Grower	Manufacturer
		Guaranteed
93999	A. A. Corn and Cotton Grower	Manufacturer
		Guaranteed
94000	A. A. High Potash Tobacco Grower	Manufacturer
		Guaranteed

*The manufacturer failed to furnish sample as required by law.

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
2.58	2.93	10.00	2.80	12.80			2.94		31.4	94680
	3.00	*10.00*	*1.00*	*11.00*			*3.00*		*31.0*	
3.06	3.26	9.00	1.00	10.00			6.17		33.3	94407
	3.00	*8.00*	*1.00*	*9.00*				*6.00*	*33.4*	
4.41	4.41	11.15	0.75	11.90			4.56		40.1	94408
	4.00	*10.00*	*1.00*	*11.00*			*4.00*		*36.2*	
		11.05	0.30	11.35			4.89		22.6	94409
		10.00					*4.00*		*19.8*	
		18.00	1.85	19.85					21.6	94681
		17.30	1.00	18.30					20.8	95421
		16.00							*19.2*	
1.66	1.88	8.70	1.00	9.70				5.04	28.4	93988
	2.00	*8.00*	*2.00*	*10.00*				*5.00*	*28.3*	
1.94	1.94	10.35	1.05	11.40			1.95		26.1	94682
1.79	1.99	11.05	1.15	12.20			2.14		27.6	94897
1.81	2.02	10.00	1.30	11.30			2.21		26.3	94898
1.78	1.99	9.80	1.30	11.10			2.19		25.8	94899
1.69	1.96	9.90	1.70	11.60			1.96		25.7	95265
	2.00	*10.00*	*2.00*	*12.00*			*2.00*		*26.2*	
1.04	1.04	8.25	1.00	9.25			4.23		22.0	93990
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
		13.80	1.00	14.80			4.08		25.6	93991
		14.00					*4.00*		*25.8*	
		20.60	1.00	21.60					24.7	93992
		20.00							*24.0*	
		16.20	1.50	17.70					19.4	95422
		16.00							*19.2*	
	2.03			28.70	74	26			36.8	94683
	1.65			*27.00*					*33.6*	
	3.28			*20.00*						93995
		10.25	3.50	13.75			4.55		*33.2*	
		10.00					*4.00*		20.8	94900
2.69	2.93	8.35	0.75	9.10				6.11	*19.8*	
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	33.7	93997
2.68	2.93	10.10	1.20	11.30				3.20	*33.8*	
	3.00	*10.00*	*2.00*	*12.00*				*3.00*	32.2	93998
1.96	1.96	12.55	1.50	14.05			2.14		*32.3*	
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		29.8	93999
1.87	1.87	8.50	1.10	9.60			9.94		*29.2*	
	2.00	*8.00*	*2.00*	*10.00*			*10.00*		32.6	94000
									32.8	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The American Agricultural Chem. Co., Cincinnati, O.—Con.	
94684	A. A. Basic Lime Phosphate	Albert Long, Scottsville
94901		Myers, Lambert and Wilson, Carlisle
94902		Sam Terry, Big Clifty
95266		Mayhew Feed Co., Franklin
95267		J. F. Collings and Son, Shepherdsville
95268		Lebanon Carriage and Impl. Co., Lebanon
95269		J. W. Schoolcraft, Somerset
95270		Mayhew Feed Co., Franklin
		Guaranteed
95271	†Agrico for Grain	J. W. Schoolcraft, Somerset
95273		J. F. Collings and Son, Shepherdsville
		Guaranteed
94003	Agrico for Corn	Manufacturer
		Guaranteed
94903	Agrico for Potatoes	Yopp Seed Co., Paducah
		Guaranteed
94685	Agrico for Tobacco	J. W. Schoolcraft, Somerset
94904		Bedford and Tuttle, Winchester
94905		Woodson Lewis, Greensburg
94906		Denton Hardware Co., Madisonville
		Guaranteed
94907	Agrico for Truck	Denton Hardware Co., Madisonville
94908		Yopp Seed Co., Paducah
		Guaranteed
94686	Bowker's High Grade Tobacco Grower	S. D. Jones, Elkton
		Guaranteed
94008	Bowker's High Potash Tobacco Grower	Manufacturer
		Guaranteed
94009	Bowker's Tobacco Grower	Manufacturer
		Guaranteed
94687	Bowker's Harvest Queen Fertilizer	J. W. Thompson, King's Mountain
94910		Bradshaw-Hagen and Co., Tompkinsville
		Guaranteed
94011	Bowker's Apex Mixture	Manufacturer
		Guaranteed
95274	Bowker's 20% Superphosphate	H. M. Tomes, Ready
95423		Mayhew Feed Co., Franklin
		Guaranteed
94688	Bowker's 16% Superphosphate	J. W. Schoolcraft, Somerset
94689		W. S. Carver, Horse Cave
94690		J. W. Thompson, King's Mountain
94911		Bradshaw, Hagen and Co., Tompkinsville
95275		Mayhew Feed Co., Franklin
95276		H. M. Tomes, Ready
		Guaranteed
94912	Bowker's Paramount Fertilizer	Bokhara Seed Co., Falmouth
94913		Harvey Stout and Son, Fern Creek
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
		13.35	1.60	14.95					16.0	94684
		13.65	1.35	15.00					16.4	94901
		13.80	1.90	15.70					16.6	94902
		13.05	1.30	14.35					15.7	95266
		13.40	1.50	14.90					16.1	95267
		13.80	1.00	14.80					16.6	95268
		13.65	1.10	14.75					16.4	95269
		13.00	2.05	15.05					15.6	95270
		13.00							*15.6*	
1.97	1.97	12.20	1.35	13.55			4.00		31.5	95271
1.94	1.94	12.40	1.30	13.70			3.98		31.7	95273
	2.00	*12.00*	*0.50*	*12.50*			*4.00*		*31.0*	
3.00	3.00	9.90	1.30	11.20			6.05		34.6	94003
	3.00	*10.00*	*0.50*	*10.50*			*6.00*		*34.4*	
3.92	3.92	8.45	1.00	9.45			6.06		36.0	94903
	4.00	*8.00*	*0.50*	*8.50*			*6.00*		*35.4*	
4.04	4.04	10.75	1.30	12.05				6.13	42.0	94685
3.90	3.90	10.95	1.00	11.95			0.60	5.49	41.4	94904
3.77	3.77	11.00	1.35	12.35				6.13	41.3	94905
4.05	4.05	10.50	1.20	11.70			0.56	5.43	41.3	94906
	4.00	*10.00*	*0.50*	*10.50*				*6.00*	*40.2*	
4.28	4.48	11.00	1.00	12.00			5.37		41.3	94907
4.78	4.78	10.85	1.00	11.85			4.85		41.6	94908
	5.00	*10.00*	*0.50*	*10.50*			*5.00*		*41.2*	
2.68	2.95	10.25	1.45	11.70				2.81	32.0	94686
	3.00	*10.00*	*2.00*	*12.00*				*3.00*	*32.3*	
1.87	1.87	8.50	1.10	9.60			9.94		32.6	94008
	2.00	*8.00*	*2.00*	*10.00*			*10.00*		*32.8*	
1.66	1.88	8.70	1.00	9.70				5.04	28.4	94009
	2.00	*8.00*	*2.00*	*10.00*				*5.00*	*28.3*	
1.28	1.28	8.15	1.35	9.50			4.48		23.3	94687
1.12	1.12	8.20	1.35	9.55			4.02		22.1	94910
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
		13.80	1.00	14.80			4.08		25.6	94011
		14.00					*4.00*		*25.8*	
		20.15	1.65	21.80					24.2	95274
		20.05	1.65	21.70					24.1	95423
		20.00							*24.0*	
		16.10	2.00	18.10					19.3	94688
		16.45	1.85	18.30					19.7	94689
		16.05	2.35	18.40					19.4	94690
		16.75	1.85	18.60					20.1	94911
		16.20	1.70	17.90					19.4	95275
		16.10	1.35	17.45					19.3	95276
		16.00							*19.2*	
2.67	2.93	8.30	1.75	10.05			1.08	5.43	34.3	94912
2.74	3.03	8.00	1.80	9.80			0.68	5.58	34.0	94913
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The American Agricultural Chem.	**Co., Cincinnati, O.—Con.**
94914	†Michigan Carton Paramount Fertilizer	C. P. Clark and Sons, Owensboro
94915		Myers, Lambert and Wilson, Carlisle
		Guaranteed
94692	Michigan Carbon Homestead Tobacco Grower	Hall Bros., Elkton
94693		Geo. L. Gillum and Son, Russellville
94916		Clem Keltner, Campbellsville
94917		Woodson Lewis, Greensburg
		Guaranteed
94918	Michigan Carbon Homestead High Potash Tobacco Grower	The Harlan Fruit Co., Middleboro
94919		Leach and Rowe, Rowletts
94920		W. T. Harris, Cecilia
94921		Bedford and Tuttle, Winchester
		Guaranteed
94694	Michigan Carbon Homestead Potato and Tobacco Special	Albert Long, Scottsville
94695		Hill Hardware Co., Bowling Green
		Guaranteed
94697	†Michigan Carbon Red Line Complete Manure	Hill Hardware Co., Bowling Green
94922		Bedford and Tuttle, Winchester
95277		J. W. Schoolcraft, Somerset
		Guaranteed
94030	Michigan Carbon Apex Mixture	Manufacturer
		Guaranteed
94923	Michigan Carbon 20% Superphosphate	V. R. Sanders, Rocky Hill
94924		Greenup Milling Co., Grayson
		Guaranteed
94698	Michigan Carbon 16% Superphosphate	Albert Long, Scottsville
94925		Hubbard and Crutcher, Munfordville
		Guaranteed
94699	†Michigan Carbon Homestead Bone Black Fertilizer	Mayhew Feed Co., Franklin
94700		J. W. Schoolcraft, Somerset
95279		Lebanon Carriage and Impl. Co., Lebanon
95280		J. F. Collings and Son, Shepherdsville
95281		J. W. Schoolcraft, Somerset
		Guaranteed
94015	N-W Horseshoe High Potash Tobacco Grower	Manufacturer
		Guaranteed
94701	N-W Horseshoe Tobacco Grower	F. M. Mitchell, Scottsville
94927		Lemon Lumber Co., Providence
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
2.74	2.98	8.10	1.65	9.75			0.84	5.23	33.6	94914
2.81	3.03	8.25	0.90	9.15			0.80	5.51	34.1	94915
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
2.68	2.88	11.00	1.05	12.05				2.91	32.8	94692
2.73	2.96	10.40	1.00	11.40				2.99	32.3	94693
2.71	2.95	10.80	0.90	11.70				2.96	32.5	94916
2.71	2.92	10.80	0.90	11.70				3.22	33.1	94917
	3.00	*10.00*	*2.00*	*12.00*				*3.00*	*32.3*	
1.98	1.98	8.15	1.10	9.25			9.99		32.6	94918
2.10	2.10	8.35	0.85	9.20			10.84		34.3	94919
2.05	2.05	8.35	0.85	9.20			10.10		33.3	94920
2.02	2.02	8.60	0.90	9.50			10.14		33.5	94921
	2.00	*8.00*	*2.00*	*10.00*			*10.00*		*32.8*	
2.00	2.00	9.10	0.85	9.95				4.81	29.2	94694
2.01	2.22	8.05	0.95	9.00				5.34	29.4	94695
	2.00	*8.00*	*2.00*	*10.00*				*5.00*	*28.3*	
0.91	0.91	7.55	1.70	9.25			4.38		20.9	94697
1.07	1.07	9.00	0.30	9.30			4.09		22.8	94922
0.95	0.95	8.00	0.60	8.60			3.98		20.8	95277
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
		13.80	1.00	14.80			4.08		25.6	94030
		14.00					*4.00*		*25.8*	
		20.95	2.15	23.10					25.1	94923
		21.55	2.00	23.55					25.9	94924
		20.00							*24.0*	
		16.35	2.10	18.45					19.6	94698
		18.20	1.60	19.80					21.8	94925
		16.00							*19.2*	
2.18	2.42	8.00	1.45	9.45			1.58		24.2	94699
2.34	2.58	8.00	1.50	9.50			1.90		25.2	94700
2.26	2.51	8.10	1.20	9.30			1.52		24.5	95279
1.85	2.30	8.25	0.85	9.10			1.61		23.9	95280
2.25	2.48	8.70	1.15	9.85			1.96		25.8	95281
	2.50	*8.00*	*2.00*	*10.00*			*1.50*		*24.6*	
1.87	1.87	8.50	1.10	9.60			9.94		32.6	94015
	2.00	*8.00*	*2.00*	*10.00*			*10.00*		*32.8*	
1.95	1.95	8.75	1.00	9.75				4.98	28.8	94701
2.13	2.13	8.90	0.70	9.60			2.04	3.42	29.7	94927
	2.00	*8.00*	*2.00*	*10.00*				*5.00*	*28.3*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The American Agricultural Chem. Co., Cincinnati, O.—Con.	
94928	N-W Horseshoe Challenge Corn Grower	Grayson County Supply Co., Leitchfield..
95282		Grayson County Supply Co., Leitchfield..
		Guaranteed
94702	N-W Horseshoe Dark Tobacco Grower	F. M. Mitchell, Scottsville
94929		Woodson Lewis, Greensburg
94930		Geo. W. Hill and Co., Covington
94931		E. S. Ferrill and Sons, Buffalo
		Guaranteed
94019	N-W Horseshoe Apex Mixture	Manufacturer
		Guaranteed
94703	N-W Horseshoe 20% Superphosphate	G. H. Bowles and Co., Glasgow
94932		Woodson Lewis, Greensburg
		Guaranteed
94704	N-W Horseshoe 16% Superphosphate	J. W. Morgan, Pine Knot
94705		G. H. Bowles and Co., Glasgow
95283		F. M. Mitchell, Scottsville
		Guaranteed
94933	N-W Horseshoe Corn and Wheat Phosphate	E. S. Ferrill and Sons, Buffalo
		Guaranteed
94934	N-W Horseshoe Paramount Fertilizer	William Addams, Cynthiana
		Guaranteed
94706	N-W Horseshoe Brand H. Gr. Tobacco Grower	J. W. Morgan, Pine Knot
94935		Geo. W. Hill and Co., Covington
95284		Geo. W. Hill and Co., Covington
		Guaranteed
	Anglo-Chilean Nitrate Sales Corp., New York City, N. Y.	
94936	Nitrate of Soda	W. J. Ganaway, Hodgenville
		Guaranteed
	The Armour Fertilizer Works, Cincinnati, Louisville, Nashville.	
94707	Big Crop 4-16-4 Fertilizer	Pulley and Foley, Central City
94708		Miller Hardware Co., Scottsville
94937		Brent and Co., Paris
94938		Grigsby and Co., Bardstown
95285		Grigsby and Co., Bardstown
95286		Ed. Allen and Co., Smith's Grove
95424		The T. J. Turley Co., Owensboro
		Guaranteed
95425	Big Crop 2-16-8 Fertilizer	Jackson Hardware Co., Dixon
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
1.82	2.03	10.65	1.20	11.85			2.15		27.2	94928
1.92	2.12	10.00	1.20	11.20			2.00		26.4	95282
	2.00	*10.00*	*2.00*	*12.00*			*2.00*		*26.2*	
0.94	0.94	8.60	1.50	10.10			4.35		22.5	94702
1.13	1.13	7.95	1.45	9.40			4.04		21.9	94929
1.08	1.08	8.80	1.30	10.10			4.19		23.1	94930
1.17	1.17	7.45	1.40	8.85			4.11		21.4	94931
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
		13.80	1.00	14.80			4.08		25.6	94019
		14.00					*4.00*		*25.8*	
		20.60	2.00	22.60					24.7	94703
		20.85	1.95	22.80					25.0	94932
		20.00							*24.0*	
		16.55	1.85	18.40					19.9	94704
		16.30	1.80	18.10					19.6	94705
		16.40	1.60	18.00					19.7	95283
		16.00							*19.2*	
1.10	1.10	11.25	1.10	12.35			1.47		23.5	94933
	1.00	*10.00*	*2.00*	*12.00*			*1.00*		*21.0*	
3.05	3.05	10.50	1.40	11.90			0.72	5.44	37.5	94934
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
2.84	3.08	10.60	0.95	11.55				3.15	33.3	94706
2.72	2.94	11.05	0.85	11.90				2.97	32.2	94935
2.63	2.84	10.80	0.95	11.75			0.76	2.17	32.1	95284
	3.00	*10.00*	*2.00*	*12.00*				*3.00*	*32.3*	
	15.80								63.2	94936
	15.50								*62.0*	
4.25	4.25	15.95	1.70	17.65			4.71		47.3	94707
4.23	4.23	16.15	1.70	17.85			4.59		47.3	94708
3.93	3.93	16.45	0.85	17.30			4.34		46.0	94937
4.02	4.02	16.40	0.80	17.20			4.69		46.6	94938
4.27	4.27	16.70	0.60	17.30			4.10		47.3	95285
3.97	3.97	16.20	1.20	17.40			4.45		46.0	95286
3.99	3.99	16.50	1.00	17.50			4.58		46.6	95424
	4.00	*16.00*	*0.50*	*16.50*			*4.00*		*45.0*	
2.13	2.13	16.50	1.10	17.60			7.94		43.2	95425
	2.00	*16.00*	*0.50*	*16.50*			*8.00*		*41.8*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The Armour Fertilizer Works,	**Cincinnati, Louisville, Nashville—Con.**
94709	†Big Crop 0-16-8 Fertilizer	J. H. Peterson, Hiseville
94940		Taylor County Supply Co., Campbellsville
95426		J. Stotz, Greenville
		Guaranteed
94942	†Big Crop 2-12-10 Fertilizer	McLean County Hdw. Co., Calhoun
		Guaranteed
94710	Big Crop 2-12-2 Fertilizer	J. W. Schoolcraft, Somerset
94943		The T. J. Turley Co., Owensboro
94944		E. H. Mulliken, Bedford
94945		Sweeney Bros., Lawrenceburg
95287		J. W. Schoolcraft, Somerset
		Guaranteed
94711	†Big Crop 0-12-4 Fertilizer	Arthur Jasper, Science Hill
95288		Wilson, Winn and Co., Russellville
95427		R. W. Wilson, Auburn
		Guaranteed
94265	Big Crop 5-10-10 Fertilizer	Manufacturer
		Guaranteed
94713	Armour's Old Black Joe 2-10-4	Pulley and Foley, Central City
94714		Miller Hardware Co., Scottsville
94946		J. W. Gray, Tolesboro
95431		Finley Hardware Co., Madisonville
		Guaranteed
94715	Big Crop 3-8-6 Fertilizer	Wilson, Winn and Co., Russellville
94947		Jas. H. Gray, Utica
		Guaranteed
94716	Big Crop 20% Superphosphate	J. W. Schoolcraft, Somerset
94717		W. R. Wilson, Auburn
94948		J. H. Peterson, Hiseville
94949		Sweeney Bros., Lawrenceburg
95289		Wilson, Winn and Co., Russellville
95290		J. C. Everett and Co., Maysville
95291		J. W. Schoolcraft, Somerset
95428		R. W. Wilson, Auburn
		Guaranteed
94718	Big Crop 16% Superphosphate	W. R. Wheeldon, Waynesburg
94719		Cadiz Trading Co., Cadiz
94720		J. H. Peterson, Hiseville
94950		Guy Roberts, Brodhead
95259		Experiment Station, Lexington
95292		Hudson and Farnau, Lancaster
95293		Barren County Grocery & Hdw. Co., Glasgow
95294		J. W. Schoolcraft, Somerset
95295		Wilson, Winn and Co., Russellville
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
		16.70	0.60	17.30			8.62		38.0	94709
		16.95	0.30	17.25			8.55		35.7	94940
		16.80	0.65	17.45			8.85		35.8	95426
		16.00					*8.00*		*33.6*	
2.10	2.10	12.65	0.45	13.10			10.09		39.7	94942
	2.00	*12.00*	*0.50*	*12.50*			*10.00*		*38.2*	
1.99	1.99	12.15	0.80	12.95			2.15		29.1	94710
2.07	2.07	12.45	2.80	15.25			1.93		30.4	94943
1.83	1.83	12.40	0.40	12.80			2.06		28.6	94944
2.00	2.00	12.35	0.40	12.75			2.30		29.5	94945
1.88	1.88	13.20	0.30	13.50			2.18	0.59	31.0	95287
	2.00	*12.00*	*0.50*	*12.50*			*2.00*		*28.6*	
		12.20	1.10	13.30			3.95		23.0	94711
		12.00	2.00	14.00			3.84		22.6	95288
		11.95	2.70	14.65			4.29		23.1	95427
		12.00					*4.00*		*22.8*	
4.98	4.98	10.65	1.85	12.50			10.06		48.7	94265
	5.00	*10.00*	*0.50*	*10.50*			*10.00*		*47.2*	
1.75	2.01	10.30	9.25	19.55			3.90		31.9	94713
1.68	1.94	10.45	8.60	19.05			4.11		31.8	94714
1.79	1.79	11.15	0.35	11.50			3.96		28.8	94946
1.79	2.15	10.75	3.70	14.45			4.17		31.2	95431
	2.00	*10.00*	*0.50*	*10.50*			*4.00*		*28.0*	
3.00	3.00	8.05	4.20	12.25			5.84		32.8	94715
2.81	2.81	8.35	5.10	13.45			5.43		32.3	94947
	3.00	*8.00*	*0.50*	*8.50*			*6.00*		*31.4*	
		20.55	1.00	21.55					24.7	94716
		21.30	1.40	22.70					25.6	94717
		20.75	0.85	21.60					24.9	94948
		20.80	1.05	21.85					25.0	94949
		20.55	0.50	21.05					24.7	95289
		20.65	0.95	21.60					24.8	95290
		20.40	1.00	21.40					24.5	95291
		21.55	0.35	21.90					25.9	95428
		20.00							*24.0*	
		15.75	1.15	16.90					18.9	94718
		16.75	4.40	21.15					20.1	94719
		15.75	1.00	16.75					18.9	94720
		16.55	0.90	17.45					19.9	94950
		16.90	1.20	18.10					20.3	95259
		16.05	1.25	17.30					19.3	95292
		16.05	1.00	17.05					19.3	95293
		16.30	1.20	17.50					19.6	95294
		16.15	1.55	17.70					19.4	95295
		16.00							*19.2*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The Armour Fertilizer Works,	**Cincinnati, Louisville, Nashville—Con.**
95296	†Big Crop 32% Superphosphate	Barren County Grocery & Hdw. Co., Glasgow
95429		The T. J. Turley Co., Owensboro
		Guaranteed
94271	Big Crop Multiphos	Manufacturer
		Guaranteed
94723	†Big Crop Burley Tobacco Grower 3-8-6	Liberty Hardware Co., Liberty
94954		T. E. Clauson, Bonnieville
94955		J. T. Lawson, Greenup
		Guaranteed
94724	Big Crop High Analysis Burley Tobacco Grower	J. H. Peterson, Hiseville
94957		E. T. Ford, Cave City
94958		J. C. Everett and Co., Maysville
94959		Humphrey Bros., Bloomfield
		Guaranteed
94960	Big Crop 2-12-6 Fertilizer	J. B. Penn and Co., Georgetown
94961		W. J. Ganaway, Hodgenville
		Guaranteed
94725	Armour's 2-8-2 Fertilizer	W. L. Thomas, Leitchfield
94726		J. W. Schoolcraft, Somerset
94962		Bert Hodges, Munfordville
94963		J. W. Gray, Tolesboro
95297		J. W. Schoolcraft, Somerset
95298		Sam Terry, Big Clifty
		Guaranteed
94964	Armour's 1-12-1 Fertilizer	Williamsburg Lumber Co., Williamsburg
		Guaranteed
94727	Big Crop 4-12-8 Fertilizer	Miller Hardware Co., Scottsville
94728		Beaver Dam Mlg. and Supply Co., Beaver Dam
94729		J. Stotz, Greenville
		Guaranteed
95299	Big Crop Bone Meal	Wilson, Winn and Co., Russellville
		Guaranteed
94965	Big Crop Raw Bone	Grigsby and Co., Bardstown
95430		Forbes Mnfg. Co., Hopkinsville
		Guaranteed
94970	Big Crop Truck Grower 4-8-3	J. T. Lawson, Greenup
		Guaranteed
94282	Big Crop 2-10-4 Fertilizer	Manufacturer
		Guaranteed
94730	Armour's N. P. K. 9-27-9	J. Stotz, Greenville
94731		J. C. Everett and Co., Maysville
94732		W. C. Grainger, Franklin
94966		Goodman Bros., Shelbyville
95432		The T. J. Turley Co., Owensboro
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
		32.20	1.90	34.10					38.6	95296
		31.90	1.60	33.50					38.3	95429
		32.00							*38.4*	
		46.50	4.40	50.90					55.8	94271
		45.00							*54.0*	
2.14	2.76	8.15	0.65	8.80			0.72	5.49	32.6	94723
2.04	2.80	8.15	0.45	8.60			0.56	5.24	32.1	94954
2.48	2.93	7.95	0.45	8.40			0.68	5.45	32.8	94955
	3.00	*8.00*	*0.50*	*8.50*				*6.00*	*33.2*	
3.20	3.96	12.50	1.00	13.50			1.16	6.78	46.6	94724
3.34	4.16	12.95	0.60	13.55			1.16	6.97	48.2	94957
3.00	3.78	12.75	0.60	13.35			1.44	6.73	46.3	94958
3.35	4.15	13.00	0.75	13.75			1.04	6.86	47.9	94959
	4.00	*12.00*	*0.50*	*12.50*				*8.00*	*46.2*	
1.96	1.96	13.30	0.90	14.20			5.72		35.0	94960
1.98	1.98	12.60	0.85	13.45			7.82		36.5	94961
	2.00	*12.00*	*0.50*	*12.50*			*6.00*		*33.4*	
1.96	1.96	8.05	0.60	8.65			2.10		22.7	94725
1.89	1.89	8.40	0.50	8.90			2.08		22.9	94726
1.91	1.91	8.45	0.40	8.85			1.99		22.9	94962
1.93	1.93	8.55	0.70	9.25			2.32		23.6	94963
1.95	1.95	8.75	0.50	9.25			2.31		23.9	95297
2.05	2.05	9.90	0.50	10.40			2.37		26.1	95298
	2.00	*8.00*	*0.50*	*8.50*			*2.00*		*22.6*	
1.06	1.06	13.10	1.00	14.10			1.34		25.9	94964
	1.00	*12.00*	*0.50*	*12.50*			*1.00*		*23.4*	
3.74	3.74	13.00	1.40	14.40			7.33		43.8	94727
3.81	3.81	13.50	2.00	15.50			7.49		45.3	94728
3.88	3.88	12.85	1.35	14.20			7.64		44.5	94729
	4.00	*12.00*	*0.50*	*12.50*			*8.00*		*43.8*	
	2.79			26.50	87	13			37.7	95299
	2.50			*24.00*					*34.0*	
	3.97			23.65	100				39.5	94965
	3.70			22.30	100				37.1	95430
	3.70			*22.00*					*36.8*	
2.92	3.82	8.50	0.60	9.10				3.24	33.1	94970
	4.00	*8.00*	*0.50*	*8.50*			*3.00*		*31.8*	
2.03	2.03	10.30	0.65	10.95			4.42		29.1	94282
	2.00	*10.00*	*0.50*	*10.50*			*4.00*		*28.0*	
8.52	8.75	27.70	1.60	29.30			9.18		88.2	94730
9.22	9.22	27.10	1.50	28.60			9.56		89.6	94731
8.80	8.80	27.60	1.50	29.10			9.13		88.0	94732
9.00	9.00	27.45	1.70	29.15			9.33		89.1	94966
8.69	8.98	27.40	1.60	29.00			9.54		89.1	95432
	9.00	*27.00*	*0.50*	*27.50*			*9.00*		*87.5*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The Armour Fertilizer Works,	**Cincinnati, Louisville, Nashville—Con.**
94733	Armour's N. P. K. 9-18-18	Forbes Mnfg. Co., Hopkinsville
94894		B. A. Lawless, Sewellton
94967		R. E. Moore, Madisonville
		Guaranteed
94734	Armour's Nitrate of Soda	H. D. Jones, Glasgow
		Guaranteed
94341	Armour's Sulphate of Potash	Manufacturer
		Guaranteed
94347	Big Crop 3-10-3 Fertilizer	Manufacturer
		Guaranteed
94354	Big Crop 4-10-4 Fertilizer	Manufacturer
		Guaranteed
94355	Big Crop 5-15-5 Fertilizer	Manufacturer
		Guaranteed
95300	Big Crop 3-18-3 Fertilizer	Henderson and Hardy Co., Shepherdsville
95301		J. W. Schoolcraft, Somerset
		Guaranteed
94544	Armour's Lawn and Garden Grower	*
		Guaranteed
94968	Big Crop Potato Grower	Williamsburg Lumber Co., Williamsburg
94969		Geo. C. Goode, Covington
		Guaranteed
94613	Armour's Bonus A Humus	Manufacturer
		Guaranteed
95302	Armour's 1-8-4 Fertilizer	J. W. Schoolcraft, Somerset
		Guaranteed
94881	Big Crop 3-8-15 Fertilizer	Manufacturer
		Guaranteed
95252	Armour's 0-10-4 Fertilizer	Manufacturer
		Guaranteed
95303	Armour's 2-10-2 Fertilizer	Sam Terry, Big Clifty
		Guaranteed
	The Barrett Co, New York City,	**N. Y.**
93985	Arcadian Nitrate of Soda	Manufacturer
		Guaranteed
93986	Arcadian Sulfate of Ammonia	Manufacturer
		Guaranteed
95236	Arcadian Dried and Screened Sulfate of Ammonia	Lambert-Gresham Hardware Co., Henderson
		Guaranteed
	The Buhner Fertilizer Co.,	**Seymour, Ind.**
94735	†Buhner's Special Tobacco Grower	Bottom and Flanagan, Russell Springs
		Guaranteed

*The manufacturer failed to furnish sample as required by law.

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
8.90	8.90	17.90	1.10	19.00			18.94		85.6	94733
8.75	8.75	17.65	1.40	19.05			18.06		83.7	94894
9.00	9.00	17.65	1.55	19.20			18.74		85.6	94967
	9.00	*18.00*	*0.50*	*18.50*			*18.00*		*84.8*	
	15.72								62.9	94734
	15.00								*60.0*	
								49.84	74.8	94341
								50.00	*75.0*	
3.04	3.40	11.05	3.35	14.40			3.88		36.2	94347
	3.00	*10.00*	*0.50*	*10.50*			*3.00*		*30.8*	
4.40	4.40	10.80	0.35	11.15			3.97		38.7	94354
	4.00	*10.00*	*0.50*	*10.50*			*4.00*		*36.0*	
5.37	5.37	16.10	0.50	16.60			5.41		52.3	94355
	5.00	*15.00*	*0.50*	*15.50*			*5.00*		*48.7*	
3.08	3.08	18.10	0.40	18.50			3.26		43.5	95300
2.96	2.96	18.25	0.80	19.05			3.28		43.5	95301
	3.00	*18.00*	*0.50*	*18.50*			*3.00*		*42.8*	
										94544
	6.00	*8.00*	*0.50*	*8.50*			*6.00*		*43.4*	
2.21	2.83	8.30	0.55	8.85			0.72	4.84	32.1	94968
2.33	3.01	8.55	0.70	9.25			0.84	4.81	33.4	94969
	3.00	*8.00*	*0.50*	*8.50*				*6.00*	*33.2*	
1.97	1.97	12.30	0.55	12.85			2.13		29.1	94613
	2.00	*12.00*	*0.50*	*12.50*			*2.00*		*28.6*	
1.11	1.11	9.00	0.55	9.55			5.63		24.9	95302
	1.00	*8.00*	*0.50*	*8.50*			*4.00*		*21.0*	
2.56	3.54	9.35	0.20	9.55			1.48	14.32	51.5	94881
	3.00	*8.00*	*0.50*	*8.50*				*15.00*	*46.7*	
		10.40	5.45	15.85			4.61		21.1	95252
		10.00					*4.00*		*19.8*	
2.01	2.01	10.35	0.55	10.90			2.31		26.6	95303
	2.00	*10.00*	*0.50*	*10.50*			*2.00*		*25.6*	
	16.32								65.3	93985
	16.25								*65.0*	
	20.84								83.4	93986
	20.75								*83.0*	
	20.72								82.9	95236
	20.50								*82.0*	
3.32	3.90	16.35	2.65	19.00			3.67		45.6	94735
	4.00	*16.00*					*4.00*		*44.8*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The Buhner Fertilizer Co., Seymour, Ind.—Con.	
94972	†Buhner's High Grade Tobacco Grower (Muriate)	C. H. Moore, Cave City
94973		Lexington Seed Co., Lexington
		Guaranteed
94036	Buhner's High Grade Tobacco Grower (Sulfate)	*
		Guaranteed
94975	Buhner's Potato and Tobacco Grower	J. H. and J. L. Lyon, Loretto
		Guaranteed
94736	†Buhner's High Grade Potato and Tobacco Grower	Bottom and Flanagan, Russell Springs..
94976		Jack P. Strother, Milton
		Guaranteed
94039	Buhner's Plant Bed Special	*
		Guaranteed
94978	Buhner's Ideal Tobacco Grower	W. J. Ganaway, Hodgenville
		Guaranteed
94737	Buhner's Wheat and Corn Special	Bottom and Flanagan, Russell Springs..
94979		C. H. Moore, Cave City
94980		Harvey Stout and Son, Fern Creek
		Guaranteed
94981	Buhner's 16% Superphosphate	C. H. Moore, Cave City
94982		J. H. and J. L. Lyon, Loretto
95304		J. H. and J. L. Lyon, Loretto
		Guaranteed
94044	Buhner's Nitrate of Soda	*
		Guaranteed
94045	Buhner's Special Potato Grower	*
		Guaranteed
94984	Buhner's Crop Grower ½ Bone	J. H. and J. L. Lyon, Loretto
95305		J. H. and J. L. Lyon, Loretto
		Guaranteed
94048	Buhner's Steam Bone	*
		Guaranteed
94049	Buhner's Raw Bone	*
		Guaranteed
94508	Buhner's "Butylizer"	*
		Guaranteed
94509	Buhner's Steam Bone	*
		Guaranteed
94510	Buhner's Raw Bone	*
		Guaranteed
94652	Buhner's 6-8-5	*
		Guaranteed
94653	Sulfate of Ammonia	*
		Guaranteed
94654	Muriate of Potash	*
		Guaranteed
95245	Buhner's 2-12-2	*
		Guaranteed

*The manufacturer failed to furnish sample as required by law.

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
2.11	2.81	8.55	2.10	10.65			5.82		31.9	94972
2.04	2.88	7.55	2.10	9.65			5.00	0.99	31.2	94973
	3.00	*8.00*					*6.00*		*31.2*	
										94036
	3.00	*8.00*						*6.00*	*33.0*	
2.56	3.27	9.30	2.60	11.90			3.69		32.5	94975
	3.00	*10.00*					*4.00*		*31.8*	
2.91	3.60	9.50	3.80	13.30			5.96		37.3	94736
3.07	3.88	10.40	1.70	12.10			6.02		39.0	94976
	4.00	*10.00*					*6.00*		*38.2*	
										94039
	4.00	*10.00*							*31.0*	
0.74	1.24	8.95	1.35	10.30			5.65		25.7	94978
	1.00	*8.00*					*6.00*		*23.2*	
0.62	1.12	11.15	1.50	12.65			3.12		25.6	94737
0.79	1.31	11.65	1.70	13.35			3.12		27.1	94979
0.69	1.28	11.25	1.40	12.65			2.75		25.9	94980
	1.00	*11.00*					*3.00*		*24.1*	
		16.30	1.75	18.05					19.6	94981
		17.30	1.90	19.20					20.8	94982
		16.05	2.75	18.80					19.3	95304
		16.00							*19.2*	
										94044
	15.00								*60.0*	
										94045
	4.00	*8.00*					*4.00*		*32.8*	
1.01	2.12	8.05	3.80	11.85			3.41		26.2	94984
1.29	2.31	8.30	2.90	11.20			2.57		25.9	95305
	2.00	*8.00*	*4.00*	*12.00*			*2.00*		*24.0*	
										94048
	3.00			*24.00*					*36.0*	
										94049
	4.75			*21.00*					*40.0*	
										94508
	6.00	*10.00*					*6.00*		*46.2*	
										94509
	2.50			*24.00*					*34.0*	
										94510
	4.00			*21.00*					*37.0*	
										94652
	6.00	*8.00*					*5.00*		*42.0*	
										94653
	20.50								*82.0*	
										94654
							50.00		*60.0*	
										95245
	2.00	*12.00*					*2.00*		*28.4*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The Buhner Fertilizer Co.,	**Seymour, Ind.—Con.**
95246	Buhner's 2-10-2	*
		Guaranteed
	Bunton and Huber Co., Louisville,	**Ky.**
94125	B. and H. Corn and Wheat Special	Manufacturer
		Guaranteed
94126	B. and H. Tobacco and Potato Grower	Manufacturer
		Guaranteed
94127	B. and H. Truckers Special	Manufacturer
		Guaranteed
94129	B. and H. A-1 Potato Grower	Manufacturer
		Guaranteed
94130	B. and H. H. Gr. Vegetable Grower	Manufacturer
		Guaranteed
94131	B. and H. Champion Potato Fertilizer	Manufacturer
		Guaranteed
94133	B. and H. Superphosphate 16%	Manufacturer
		Guaranteed
94134	B. and H. Superphosphate 18%	Manufacturer
		Guaranteed
94135	B. and H. Bone Meal	Manufacturer
		Guaranteed
94136	B. and H. Raw Bone	Manufacturer
		Guaranteed
94645	B. and H. Potato Fertilizer 5-10-5	Manufacturer
		Guaranteed
	Calumet Fertilizer Corp.,	**New Albany, Ind.**
94569	Calumet Brand Four-Twenty-four Twelve	Manufacturer
		Guaranteed
94571	Calumet Brand Two Twelve Six	Manufacturer
		Guaranteed
94572	Calumet Brand Potato and Tobacco Special	Manufacturer
		Guaranteed
94987	Calumet Brand Corn and Wheat Special	L. C. Goering and Son, Hawesville
		Guaranteed
94574	Calumet Brand Twelve Twelve	Manufacturer
		Guaranteed
94575	Calumet Brand 20% Superphosphate	Manufacturer
		Guaranteed
94576	Calumet Brand 16% Superphosphate	Manufacturer
		Guaranteed
94615	Calumet Brand Four Ten Six	Manufacturer
		Guaranteed
94616	Calumet Brand Nitrate of Soda	Manufacturer
		Guaranteed
94884	Sulfate of Ammonia	Manufacturer
		Guaranteed

*The manufacturer failed to furnish sample as required by law.

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
										95246
	2.00	*10.00*					*2.00*		*25.4*	
1.68	1.68	12.05	8.25	20.30			3.57		32.4	94125
	1.00	*10.00*	*2.00*	*12.00*			*2.00*		*22.2*	
2.40	2.40	10.20	9.50	19.70			3.64		33.1	94126
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
2.97	2.97	12.20	4.15	16.35			6.77		40.0	94127
	2.00	*10.00*	*2.00*	*12.00*			*4.00*		*28.6*	
3.45	3.73	11.00	4.20	15.20			0.96	6.52	44.0	94129
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
4.94	4.94	13.40	3.00	16.40					41.1	94130
	4.00	*10.00*	*2.00*	*12.00*					*31.8*	
4.67	4.67	12.75	1.50	14.25			6.17		45.8	94131
	4.00	*10.00*	*2.00*	*12.00*			*4.00*		*36.6*	
		18.85	1.50	20.35					22.6	94133
		16.00							*19.2*	
		19.10	0.30	19.40					23.0	94134
		18.00							*21.6*	
	1.89			28.65	83	17			36.2	94135
	1.00			*30.00*					*34.0*	
	3.99			19.10	40	60			35.1	94136
	3.29			*20.00*					*33.2*	
5.39	5.39	11.10	0.20	11.30			9.47		49.7	94645
	5.00	*10.00*	*2.00*	*12.00*			*5.00*		*41.8*	
3.68	3.94	23.45	1.35	24.80			13.17		67.3	94569
	4.00	*24.00*	*2.00*	*26.00*			*12.00*		*67.2*	
2.00	2.23	12.50	2.00	14.50			6.71		36.5	94571
	2.00	*12.00*	*2.00*	*14.00*			*6.00*		*34.0*	
1.64	1.87	7.50	0.80	8.30			12.37		33.9	94572
	2.00	*8.00*	*1.00*	*9.00*			*5.00*		*26.4*	
1.85	2.11	8.35	1.60	9.95			2.45		24.6	94987
	2.00	*8.00*	*1.00*	*9.00*			*2.00*		*22.8*	
		11.85	1.25	13.10			13.54		34.0	94574
		12.00					*12.00*		*32.4*	
		20.00	1.00	21.00					24.0	94575
		20.00							*24.0*	
		16.60	0.80	17.40					19.9	94576
		16.00							*19.2*	
4.12	4.12	10.30	1.80	12.10			6.15		40.0	94615
	4.00	*10.00*	*2.00*	*12.00*			*6.00*		*39.0*	
	15.92								63.7	94616
	14.80								*59.2*	
	20.76								83.0	94884
	20.60								*82.4*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Calumet Fertilizer Corp.,	**New Albany, Ind.—Con.**
94885	Muriate of Potash	Manufacturer
		Guaranteed
	Cleveland Agricultural Chem. Co.,	**New Albany, Ind.**
94526	Cleveland's 16% Superphosphate..	Manufacturer
		Guaranteed
94527	Cleveland's 20% Superphosphate..	Manufacturer
		Guaranteed
94528	Cleveland's Truck and Potato Grower	Manufacturer
		Guaranteed
94738	Cleveland's Potato and Tobacco Grower	Mayhew Feed Co., Franklin
94988		J. F. Collings, Shepherdsville
		Guaranteed
94530	Cleveland's Superior Soil Special..	Manufacturer
		Guaranteed
94531	Cleveland's Quality Bone Black....	Manufacturer
		Guaranteed
94739	Cleveland's Potash Manure	Mayhew Feed Co., Franklin
		Guaranteed
94534	Cleveland's High Grade Potash	Manufacturer
		Guaranteed
	Consolidated Chemical Co.,	**Louisville, Ky.**
94740	Camel Brand Harvest King	W. L. Thomas, Leitchfield
94741		C. M. Langdon, Science Hill
		Guaranteed
94742	Camel Brand Blue Grass Tobacco Fertilizer	C. M. Langdon, Science Hill
		Guaranteed
94743	Camel Brand Spl. Corn and Wheat Fertilizer	W. L. Thomas, Leitchfield
		Guaranteed
94744	Camel Brand Bone Phosphate and Tankage	R. F. Rainwater, West Somerset
		Guaranteed
94745	Camel Brand Economy Grain	W. L. Thomas, Leitchfield
		Guaranteed
94235	Camel Brand Universal Crop Fertilizer	Manufacturer
		Guaranteed
94746	Camel Brand Beef, Blood and Bone	B. H. Ellis, Hartford
94990		L. R Hart, Big Clifty
		Guaranteed
94237	Camel Brand Old Time Tobacco Fertilizer	Manufacturer
		Guaranteed
94991	Camel Brand Superior Tobacco Fertilizer	L. R. Hart, Big Clifty
		Guaranteed
94239	Camel Brand Kentucky Special.....	Manufacturer
		Guaranteed
94240	Camel Brand Vegetable Grower	Manufacturer
		Guaranteed
94241	Camel Brand A-1 Grain Grower....	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
							51.3		61.6	94885
							50.0		*60.0*	
		16.30	0.40	16.70					19.6	94526
		16.00							*19.2*	
		20.40	0.50	20.90					24.5	94527
		20.00							*24.0*	
3.15	3.70	11.40	0.35	11.75			3.56	0.77	37.5	94528
	4.00	*10.00*	*2.00*	*12.00*			*4.00*		*36.6*	
2.50	3.25	7.85	0.35	8.20			6.20	0.82	33.6	94738
1.96	2.88	8.85	0.80	9.65			6.08		32.4	94988
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	
1.49	1.95	13.00	0.70	13.70			1.36	0.76	30.4	94530
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
0.88	1.85	11.90	5.30	17.20			2.39		30.2	94531
	2.00	*8.00*	*8.00*	*16.00*			*2.00*		*25.6*	
		11.15	0.40	11.55			4.76	1.03	24.2	94739
		10.00					*5.00*		*21.0*	
		15.55	0.45	16.00			4.09		28.2	94534
		14.00					*4.00*		*25.8*	
0.88	1.18	8.00	0.30	8.30			3.54		21.1	94740
1.07	1.45	8.05	0.30	8.35			3.70		22.4	94741
	1.00	*8.00*	*2.00*	*10.00*			*3.00*		*20.4*	
0.94	1.33	8.10	0.20	8.30			3.86		22.2	94742
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
1.20	1.59	10.00	0.30	10.30			1.44	0.83	24.5	94743
	1.00	*10.00*	*2.00*	*12.00*			*1.00*		*21.0*	
0.64	1.06	10.55	0.35	10.90			2.10		22.7	94744
	1.00	*10.00*	*2.00*	*12.00*			*2.00*		*22.2*	
0.81	1.12	11.55	0.25	11.80			3.67		26.3	94745
	1.00	*11.00*	*2.00*	*13.00*			*3.00*		*24.9*	
1.70	1.70	14.00	2.25	16.25			1.46		30.5	94235
	1.00	*12.00*	*2.00*	*14.00*			*1.00*		*24.0*	
1.82	2.26	8.30	0.20	8.50			2.20		24.2	94746
1.56	2.01	8.75	0.20	8.95			1.94		23.6	94990
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
2.74	2.74	10.00	2.10	12.10				3.24	31.7	94237
	2.00	*8.00*	*2.00*	*10.00*				*2.00*	*23.8*	
1.81	2.27	8.75	0.35	9.10			1.00	4.10	29.7	94991
	2.00	*8.00*	*2.00*	*10.00*				*5.00*	*28.3*	
3.56	3.56	11.95	2.95	14.90			3.26		37.3	94239
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
2.67	2.67	11.75	2.15	13.90			4.16		34.2	94240
	2.00	*10.00*	*2.00*	*12.00*			*4.00*		*28.6*	
2.65	2.65	13.50	2.20	15.70			5.85		38.8	94241
	2.00	*12.00*	*2.00*	*14.00*			*6.00*		*34.0*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Consolidated Chemical Co.,	**Louisville, Ky.—Con.**
94242	Camel Brand Truck and Tobacco Fertilizer	Manufacturer Guaranteed
94747	Camel Brand 3-8-6 Tobacco Fertilizer	B. H. Ellis, Hartford Guaranteed
94244	Camel Brand Three-Eight-Six Tobacco Grower	Manufacturer Guaranteed
94245	Camel Brand Three-Eight-Six Potato Grower	Manufacturer Guaranteed
94246	Camel Brand Plant Bed Manure	Manufacturer Guaranteed
94247	Camel Brand Four-Sixteen-Four Fertilizer	Manufacturer Guaranteed
94248	Camel Brand Potash Tobacco Fertilizer	Manufacturer Guaranteed
94992	Camel Brand Ten and Ten Percent Potash Fertilizer	S. R. Whitworth, Buras Guaranteed
94250	Camel Brand Phosphate and Tobacco (with 200 lbs. Tobacco Stems)	Manufacturer Guaranteed
94748	†Camel Brand Superphosphate 16%	B. H. Ellis, Hartford Guaranteed
94252	Camel Brand 20% Superphosphate	Manufacturer Guaranteed
94750	Camel Brand Superphosphate 24%	R. F. Rainwater, West Somerset Guaranteed
94254	Camel Brand Steamed Bone Meal 1.65-27	Manufacturer Guaranteed
94255	Camel Brand Steamed Bone Meal 2.47-24	Manufacturer Guaranteed
94557	Camel Brand Excelsior Potato Mixture	Manufacturer Guaranteed
94558	Camel Brand Potato Special	Manufacturer Guaranteed
	Darling and Company,	**Chicago, Ill.**
94447	All Crop	Manufacturer Guaranteed
94751	Farmer's Favorite	W. E. Wilson, Russellville Guaranteed
94449	Big Harvest	Manufacturer Guaranteed
94450	Crop King	Manufacturer Guaranteed
94451	Bumper Crop	Manufacturer Guaranteed
94452	General Crop	Manufacturer Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
3.79	3.79	10.25	2.20	12.45			3.27		35.3	94242
	3.00	*8.00*	*2.00*	*10.00*			*3.00*		*28.4*	
2.84	3.25	9.00	0.15	9.15			5.92		33.7	94747
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	
3.85	3.85	9.80	2.00	11.80			0.84	6.75	43.0	94244
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
3.93	3.93	9.50	2.05	11.55				7.68	42.3	94245
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
4.21	4.88	11.80	2.25	14.05					38.1	94246
	4.00	*10.00*	*2.00*	*12.00*					*31.8*	
4.87	4.87	16.00	2.90	18.90			4.34		49.9	94247
	4.00	*16.00*	*2.00*	*18.00*			*4.00*		*45.6*	
		11.35	0.45	11.80			4.59		22.5	94248
		10.00					*5.00*		*21.0*	
		9.30	0.45	9.75			12.13		28.5	94992
		10.00					*10.00*		*27.0*	
		15.65	0.50	16.15					18.8	94250
		14.00							*16.8*	
		16.00	0.20	16.20					19.2	94748
		16.00							*19.2*	
		21.10	0.60	21.70					25.3	94252
		20.00							*24.0*	
		24.55	0.85	25.40					29.5	94750
		24.00							*28.8*	
	1.58			27.00	83	17			33.3	94254
	1.65			*27.00*					*33.6*	
	3.24			25.45	75	25			38.4	94255
	2.47.			*24.00*					*33.9*	
5.78	5.78	10.55	2.55	13.10			0.84	6.15	50.2	94557
	5.00	*10.00*	*2.00*	*12.00*				*5.00*	*43.3*	
5.00	5.00	11.25	2.20	13.45			0.84	4.70	45.8	94558
	4.00	*10.00*	*2.00*	*12.00*				*4.00*	*37.8*	
3.11	4.14	16.40	0.85	17.25			3.60	1.35	47.6	94447
	4.00	*16.00*	*0.50*	*16.50*			*4.00*		*45.0*	
2.62	2.85	8.50	0.75	9.25			6.54		32.3	94751
	3.00	*8.00*	*0.50*	*8.50*			*6.00*		*31.4*	
1.94	2.20	13.20	0.40	13.60			2.41		31.7	94449
	2.00	*12.00*	*0.50*	*12.50*			*2.00*		*28.6*	
1.94	2.17	13.10	0.40	13.50			6.42		36.2	94450
	2.00	*12.00*	*0.50*	*12.50*			*6.00*		*33.4*	
1.84	2.15	17.25	0.55	17.80			2.45		37.6	94451
	2.00	*16.00*	*0.50*	*16.50*			*2.00*		*34.6*	
1.93	2.17	17.15	0.60	17.75			6.48		42.0	94452
	2.00	*16.00*	*0.50*	*16.50*			*6.00*		*39.4*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Darling and Company,	**Chicago, Ill.—Con.**
94752	Sure Winner	Auburn Roller Mills, Auburn
94993		Smullen and Son's Mill, Corydon
		Guaranteed
94454	Ten Ten	Manufacturer
		Guaranteed
94753	16% Superphosphate	Auburn Roller Mills, Auburn
94994		S. E. Ray, Vine Grove
95306		W. E. Wilson, Russellville
95433		Farmers Elevator Co., Franklin
		Guaranteed
94456	20% Superphosphate	Manufacturer
		Guaranteed
	Duncan and Sherley,	**LaGrange, Ky.**
94580	Tiger Brand Corn and Wheat Grower	Manufacturer
		Guaranteed
94581	Tiger Brand Phosphate and Tankage	Manufacturer
		Guaranteed
94582	Tiger Brand Half and Half Grain Grower	Manufacturer
		Guaranteed
	The Empire Guano Co.,	**Nashville, Tenn.**
93971	Red Banner Special 2-12-2	Manufacturer
		Guaranteed
93973	Red Banner Special 2-10-2	Manufacturer
		Guaranteed
93974	Red Banner Special 1-10-1	Manufacturer
		Guaranteed
93975	Red Banner Favorite Manure	Manufacturer
		Guaranteed
93978	High Grade Potash Mixture	Manufacturer
		Guaranteed
94995	Red Banner 16% Superphosphate	Franklin Dudley, Flemingsburg
95307		G. M. Stevenson, Columbia
		Guaranteed
93980	Red Banner 18% Superphosphate	Manufacturer
		Guaranteed
94996	Red Banner 20% Superphosphate	G. M. Stevenson, Columbia
		Guaranteed
93982	Red Banner Special 4-16-4	Manufacturer
		Guaranteed
93983	Raw Bone Meal and Superphosphate	Manufacturer
		Guaranteed
93984	Pure Raw Bone Meal	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
0.82	1.02	10.60	0.85	11.45			4.07		25.7	94752
1.05	1.05	11.05	0.80	11.85			4.13		26.1	94993
	1.00	*10.00*	*0.50*	*10.50*			*4.00*		*24.0*	
		10.70	0.30	11.00			10.43		28.6	94454
		10.00					*10.00*		*27.0*	
		16.40	0.75	17.15					19.7	94753
		16.75	0.75	17.50					20.1	94994
		16.80	1.25	18.05					20.2	95306
		16.65	1.40	18.05					20.0	95433
		16.00							*19.2*	
		20.60	0.65	21.25					24.7	94456
		20.00							*24.0*	
0.37	1.29	11.60	0.15	11.75			1.30		24.2	94580
	1.00	*10.00*	*2.00*	*12.00*			*1.00*		*21.0*	
0.99	1.98	13.65	0.45	14.10					28.6	94581
	2.00	*12.00*	*2.00*	*14.00*					*26.8*	
0.72	1.94	9.00	5.30	14.30			1.38		25.0	94582
	2.00	*6.00*	*6.00*	*12.00*			*1.00*		*20.6*	
1.98	1.98	14.20	3.85	18.05			2.84		34.2	93971
	2.00	*12.00*	*3.00*	*15.00*			*2.00*		*29.6*	
1.98	1.98	12.25	6.90	19.15			2.91		32.6	93973
	2.00	*10.00*	*4.00*	*14.00*			*2.00*		*27.0*	
0.65	0.65	11.25	9.50	20.75			1.78		25.4	93974
	1.00	*10.00*	*5.00*	*15.00*			*1.00*		*22.2*	
0.63	0.63	10.55	9.25	19.80			4.11		27.0	93975
	1.00	*10.00*	*4.00*	*14.00*			*3.00*		*24.2*	
		14.15	5.55	19.70			4.76		26.9	93978
		10.00					*4.00*		*19.8*	
		17.45	2.35	19.80					20.9	94995
		15.45	5.60	21.05					18.5	95307
		16.00							*19.2*	
		20.65	0.35	21.00					24.8	93980
		18.00							*21.6*	
		19.40	2.70	22.10					23.4	94996
		20.00							*24.0*	
3.97	3.97	18.40	1.10	19.50			4.44		49.3	93982
	4.00	*16.00*	*2.00*	*18.00*			*4.00*		*45.6*	
	1.14	13.90	8.60	22.50					28.9	93983
	1.00	*14.00*	*6.00*	*20.00*					*27.4*	
	3.75			21.75	71	29			36.8	93984
	3.70			*20.00*					*34.8*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Evansville Fertilizer Co.,	**Evansville, Ind.**
94597	Superb Tobacco Special	Manufacturer
		Guaranteed
94599	Superb High Line	Manufacturer
		Guaranteed
94998	Superb Farmers Choice	Sturgis Imp. and Hdw. Co., Sturgis
		Guaranteed
94604	Superb Corn Special	Manufacturer
		Guaranteed
94605	Superb Ten-Ten	Manufacturer
		Guaranteed
94606	Superb Superphosphate 20%	Manufacturer
		Guaranteed
94754	Superb Superphosphate 16%	W. D. Dickinson, Glasgow
94999		Morganfield Grocery and Hdw. Co., Morganfield
		Guaranteed
94608	Superb Raw Bone	*
		Guaranteed
94612	Superb Three "B" (Sulfate)	*
		Guaranteed
	Farmers Fertilizer Co.,	**Montgomery, Ala.**
94411	Farmers Complete Fertilizer 3-10-3	Manufacturer
		Guaranteed
94412	Farmers Complete Fertilizer 3-8-6	Manufacturer
		Guaranteed
94413	Farmers Complete Fertilizer 4-10-4	Manufacturer
		Guaranteed
94414	Farmers Fertilizer 0-10-4	Manufacturer
		Guaranteed
94415	Farmers Superphosphate	Manufacturer
		Guaranteed
	Federal Chemical Co., Inc.,	**Louisville, Ky.**
94755	Blood, Bone Phosphate and Potash	Vernon Holt, Jamestown
94756		J. C. Simms, Bowling Green
94757		Forbes Mnfg. Co., Hopkinsville
95000		W. A. Sparks Feed Co., London
95308		I. K. Miller and Son, Campbellsville
		Guaranteed
95001	Wheat and Corn Special	A. W. Tarter, Columbia
95002		Grayson County Supply Co., Leitchfield
95003		Alva West and Co., Maysville
95004		B. D. Jordan and Son, Flemingsburg
95309		Lander Hardware Co., Elizabethtown
95310		Grayson County Supply Co., Leitchfield
		Guaranteed

*The manufacturer failed to furnish sample as required by law.

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
1.70	2.95	9.95	2.65	12.60			4.32		33.0	94597
	2.00	*10.00*					*4.00*		*27.8*	
1.18	1.84	11.95	2.65	14.60			6.31		33.9	94599
	2.00	*12.00*					*6.00*		*33.2*	
1.06	1.78	12.35	3.05	15.40			1.97		29.2	94998
	2.00	*12.00*					*2.00*		*28.4*	
0.40	0.80	12.90	3.45	16.35			3.56		28.2	94604
	1.00	*12.00*					*3.00*		*25.6*	
		10.10	3.05	13.15			10.05		27.2	94605
		10.00					*10.00*		*27.0*	
		21.80	0.85	22.65					26.2	94606
		20.00							*24.0*	
		16.30	3.20	19.50					19.6	94754
		17.00	2.55	19.55					20.4	94999
		16.00							*19.2*	
	4.00			*20.00*						94608
									36.0	
	2.00	*8.00*						*2.00*	*23.0*	94612
2.93	2.93	10.25	0.40	10.65			3.22		31.1	94411
	3.00	*10.00*	*1.00*	*11.00*			*3.00*		*31.0*	
2.83	2.83	8.55	0.75	9.30			6.48		32.2	94412
	3.00	*8.00*	*1.00*	*9.00*			*6.00*		*31.6*	
4.12	4.12	9.95	0.40	10.35			4.28		36.7	94413
	4.00	*10.00*	*1.00*	*11.00*			*4.00*		*36.2*	
		11.05	0.30	11.35			4.89		22.6	94414
		10.00					*4.00*		*19.8*	
		17.95	0.35	18.30					21.5	94415
		16.00							*19.2*	
0.95	1.29	9.40	1.10	10.50			1.39		21.4	94755
0.68	1.27	9.90	4.00	13.90			3.16		25.3	94756
0.62	1.15	10.40	4.20	14.60			1.08		23.2	94757
0.92	1.24	10.80	0.85	11.65			1.06		22.8	95000
0.68	1.15	10.20	1.00	11.20			1.24		21.8	95308
	1.00	*10.00*	*2.00*	*12.00*			*1.00*		*21.0*	
0.95	1.26	10.15	1.10	11.25			1.13		22.1	95001
1.25	1.79	9.80	1.50	11.30			1.66		24.5	95002
1.04	1.30	10.45	0.90	11.35			1.28		22.8	95003
0.99	1.39	10.30	1.45	11.75			1.36		23.2	95004
0.56	1.11	10.95	4.55	15.50			0.92		23.8	95309
0.67	1.23	10.80	5.70	16.50			1.07		24.7	95310
	1.00	*10.00*	*2.00*	*12.00*			*1.00*		*21.0*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Federal Chemical Co., Inc.,	**Louisville, Ky.—Con.**
95005	Standard Crop and Tobacco Grower	B. D. Jordan and Son, Flemingsburg
		Guaranteed
94759	Ammoniated Potash Ten	T. H. O'Bryan, Dawson Springs
95006		Latiff Fruit Co., Middlesboro
95007		A. W. Tarter, Columbia
95008		Vine Grove Feed Co., Vine Grove
		Guaranteed
95009	Standard Corn and Wheat Grower	London Hardware Co., London
95311		Lonnie Jackson, Caneyville
		Guaranteed
95312	High Grade Fertilizer	I. K. Miller and Son, Campbellsville
95313		W. H. Lyon, Loretto
		Guaranteed
95010	Special Tobacco Maker	Owen Hulett, Williamstown
95011		Lake Bros., Springfield
		Guaranteed
95314	†Beef, Blood and Bone	Grayson County Supply Co., Leitchfield
		Guaranteed
95013	Loam Land Fertilizer	Boone County Farm Bureau, Florence
95315		Vine Grove Feed Co., Vine Grove
95434		Yopp Seed Co., Paducah
		Guaranteed
94074	Mid-West High Grade Mixture	Manufacturer
		Guaranteed
95014	Special Tobacco Grower	Allen and Bondurant, Brandenburg
95015		S. A. Browning, Vanceburg
95016		A. B. Beale and Son, Murray
		Guaranteed
95017	†Official Formula 2-12-6	A. Bresler, Son and Co., Owensboro
95316		Clem Keltner, Campbellsville
		Guaranteed
95018	Plant Bed Special	J. C. Vanarsdell, Lawrenceburg
95019		Vine Grove Feed Co., Vine Grove
95020		T. E. Furrie, West Point
95435		Guenther Hardware Co., Owensboro
		Guaranteed
95021	Special Plant Bed Mixture	Bourbon Coal and Feed Co., Paris
		Guaranteed
94762	†Special Tobacco and Potato Grower	E. A. Cohen, Greenville
94880		J. R. Dishman, Canmer
95022		W. H. Erwin, Eminence
95023		Lake Bros., Springfield
		Guaranteed
95024	†Ky. Tobacco and Potato Grower	Goodman Bros., Shelbyville
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
0.77	1.07	7.95	0.90	8.85			4.61		22.1	95005
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
0.84	1.22	8.05	1.25	9.30			9.65		29.0	94759
0.81	1.10	8.70	1.10	9.80			10.71		30.7	95006
0.78	1.19	8.00	1.15	9.15			10.40		29.7	95007
1.00	1.29	8.45	0.95	9.40			9.54		29.7	95008
	1.00	*8.00*	*2.00*	*10.00*			*10.00*		*28.8*	
1.63	2.51	8.95	3.05	12.00			1.74		26.8	95009
1.27	2.01	8.20	0.70	8.90			2.32		23.4	95311
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
1.22	1.94	10.00	1.00	11.00			1.96		25.5	95312
1.11	2.08	10.30	3.60	13.90			2.13		27.8	95313
	2.00	*10.00*	*2.00*	*12.00*			*2.00*		*26.2*	
1.66	2.08	9.70	1.00	10.70			2.13		25.8	95010
1.72	2.24	11.00	1.20	12.20			2.54		29.0	95011
	2.00	*10.00*	*2.00*	*12.00*			*2.00*		*26.2*	
1.09	1.94	10.75	3.90	14.65			2.00		27.9	95314
	2.00	*10.00*	*2.00*	*12.00*			*2.00*		*26.2*	
1.43	1.88	13.20	0.80	14.00			2.30		30.4	95013
1.29	2.10	12.20	1.40	13.60			2.12		29.8	95315
0.93	1.72	14.10	2.90	17.00			1.69		31.2	95434
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
2.87	2.87	12.55	4.00	16.55			6.15		39.3	94074
	2.00	*10.00*	*2.00*	*12.00*			*4.00*		*28.6*	
1.58	2.02	9.30	1.45	10.75			5.61		29.3	95014
1.61	2.10	8.75	1.05	9.80			5.98		29.1	95015
1.13	1.96	9.00	3.45	12.45			5.86		29.8	95016
	2.00	*8.00*	*2.00*	*10.00*			*6.00*		*28.0*	
1.33	2.63	11.90	2.40	14.30			6.23		34.4	95017
1.26	2.26	12.00	1.50	13.50			5.65		34.4	95316
	2.00	*12.00*	*2.00*	*14.00*			*6.00*		*34.0*	
2.43	3.25	10.00	1.30	11.30			3.47		32.7	95018
2.60	3.16	9.90	1.10	11.00			4.16		32.9	95019
2.10	2.68	11.55	1.45	13.00			3.11		32.4	95020
1.76	2.78	10.75	3.10	13.85			3.35		32.5	95435
	3.00	*10.00*	*2.00*	*12.00*			*3.00*		*31.4*	
2.35	3.06	10.90	1.05	11.95			0.52	2.44	33.3	95021
	3.00	*10.00*	*2.00*	*12.00*				*3.00*	*32.3*	
2.22	3.30	8.35	3.85	12.20			6.21		34.7	94762
1.99	3.00	9.00	3.40	12.40			6.01		34.1	94880
2.74	3.14	8.20	1.00	9.20			5.93		32.4	95022
2.45	3.16	8.60	1.55	10.15			6.72		34.2	95023
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	
2.44	3.15	8.75	1.05	9.80			1.00	5.48	35.6	95024
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Federal Chemical Co., Inc., Louisville, Ky.—Con.	
95028	†Tobacco and Potato Fertilizer	A. W. Tarter, Columbia
95029		Owen Hulett, Williamstown
		Guaranteed
95030	†High Grade Tobacco and Truck Grower	W. H. Lyon, Loretto
95031		E. H. Mulliken, Bedford
		Guaranteed
95033	†Champion Fertilizer	J. P. Fuller, Carrollton
		Guaranteed
94086	Tip Top Potato Grower	Manufacturer
		Guaranteed
94087	Double Formula 4-24-4	Manufacturer
		Guaranteed
95319	Potash Mixture	Big Four Co., Franklin
		Guaranteed
95325	†Official Formula 0-12-6	I. K. Miller and Son, Campbellsville
		Guaranteed
95034	20% Superphosphate	E. H. Mulliken, Bedford
95035		Williamsburg Hardware Co., Williamsburg
95036		Grayson County Supply Co., Leitchfield..
95320		I. K. Miller and Son, Campbellsville
95321		Grayson County Supply Co., Leitchfield..
		Guaranteed
94764	†Pure Bone	Big Four Co., Franklin
95037		Latiff Fruit Co., Middlesboro
		Guaranteed
94883	†Official Tobacco Formula	J. W. Neal, Flemingsburg
95039		Bourbon Coal and Feed Co., Paris
		Guaranteed
94765	Nitrate of Soda	Big Four Co., Franklin
95040		Guenther Hardware Co., Owensboro
95041		Guenther Hardware Co., Owensboro
95438		Guenther Hardware Co., Owensboro
		Guaranteed
95323	Muriate of Potash	B. F. Page, Oakland
		Guaranteed
94435	Old Reliable	Manufacturer
		Guaranteed
94536	Official Formula 4-24-4	Manufacturer
		Guaranteed
94537	A-1 Potash Ten	Manufacturer
		Guaranteed
95042	A-1 Extra Tobacco Special	Blue Grass Elmendorf Grain Corp., Lexington
		Guaranteed
94539	Potato Grower	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
1.82	2.26	8.50	1.20	9.70			10.87		35.3	95028
2.77	3.05	8.35	1.00	9.35			11.98		39.5	95029
	2.00	*8.00*	*2.00*	*10.00*			*10.00*		*32.8*	
2.79	3.84	8.30	2.95	11.25			4.24		34.1	95030
2.99	4.07	7.40	2.30	9.70			4.46		33.7	95031
	4.00	*8.00*	*2.00*	*10.00*			*4.00*		*33.6*	
3.65	4.00	11.30	1.10	12.40			3.80		38.0	95033
	4.00	*10.00*	*2.00*	*12.00*			*4.00*		*36.6*	
4.54	4.54	12.70	1.55	14.25			0.76	4.75	45.9	94086
	4.00	*10.00*	*2.00*	*12.00*				*4.00*	*37.8*	
4.82	4.82	25.30	0.10	25.40			6.84		65.5	94087
	4.00	*24.00*					*4.00*		*56.8*	
		13.45	4.55	18.00			3.82		24.8	95319
		10.00					*4.00*		*19.8*	
		12.80	0.50	13.30			6.17		26.6	95325
		12.00					*6.00*		*25.2*	
		20.20	1.60	21.80					24.2	95034
		20.10	0.80	20.90					24.1	95035
		21.30	2.10	23.40					25.6	95036
		21.25	0.65	21.90					25.5	95320
		21.70	0.30	22.00					26.0	95321
		20.00							*24.0*	
	1.91			29.30	89	11			36.9	94764
	2.00			29.05	84	16			37.1	95037
	1.00			*30.00*					*34.0*	
5.18	5.86	9.15	2.30	11.45			3.51		42.3	94883
5.04	5.84	8.70	0.60	9.30			3.23		40.5	95039
	6.00	*8.00*	*2.00*	*10.00*			*3.00*		*40.4*	
	15.72								62.9	94765
	15.76								63.0	95040
	15.76								63.0	95041
	15.80								63.0	95438
	15.00								*60.0*	
							49.28		59.1	95323
							50.00		*60.0*	
2.87	2.87	12.55	4.00	16.55			6.15		39.3	94535
	2.00	*10.00*	*2.00*	*12.00*			*4.00*		*28.6*	
4.82	4.82	25.30	0.10	25.40			6.84		65.5	94536
	4.00	*24.00*					*4.00*		*56.8*	
1.95	1.95	10.85	4.35	15.20			13.99		42.6	94537
	1.00	*8.00*	*2.00*	*10.00*			*10.00*		*28.8*	
3.25	4.25	9.75	1.05	10.80					32.1	95042
	4.00	*10.00*							*31.0*	
6.60	6.60	10.65	2.05	12.70			6.31		50.8	94539
	5.00	*8.00*	*2.00*	*10.00*			*5.00*		*38.8*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Federal Chemical Co., Inc.,	**Louisville, Ky.—Con.**
94540	Potato Mixture	Manufacturer
		Guaranteed
94541	Official Formula	Manufacturer
		Guaranteed
95043	A-1 High Grade Tobacco Grower	Goodman Bros., Shelbyville
		Guaranteed
95044	Special High Grade Truck and Tobacco	Tucker and McLoney, Cynthiana
95045		N. P. Hutson, Murray
		Guaranteed
94618	Potato Special	Manufacturer
		Guaranteed
94619	Potato Fertilizer	Manufacturer
		Guaranteed
94766	Lime Bone Phosphate	Big Four Co., Franklin
95324		Big Four Co., Franklin
		Guaranteed
95048	Daybreak Special Manure	Allen and Bondurant, Brandenburg
		Guaranteed
95326	Daybreak Favorite	L. A. Collins, Lebanon
		Guaranteed
94094	Daybreak Tobacco Grower	Manufacturer
		Guaranteed
95049	Daybreak Potash Mixture	A. W. Tarter, Columbia
		Guaranteed
95050	Daybreak 16% Superphosphate	L. A. Collins, Lebanon
95051		Charlie Lamkin, Hodgenville
95052		A. W. Tarter, Columbia
95327		Lander Hardware Co., Elizabethtown
95328		L. A. Collins, Lebanon
		Guaranteed
95053	Blue Ribbon Corn, Wheat and Tobacco Grower	Latiff Fruit Co., Middlesboro
		Guaranteed
94099	1st Prize Formula	Manufacturer
		Guaranteed
94767	1st Prize 16% Superphosphate	Hall Bros., Elkton
95054		M. O. Eskew, Marion
95439		L. F. Thurmond, Murray
		Guaranteed
94659	Blue Ribbon Meal Mixture	Manufacturer
		Guaranteed
	Ford Motor Company,	**Detroit, Mich.**
94768	Ford Ammonium Sulfate	Williams Motor Co., Franklin
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
6.64	6.64	10.85	1.90	12.75			0.80	4.81	51.8	94540
	5.00	*8.00*	*2.00*	*10.00*				*5.00*	*40.3*	
1.86	1.86	9.35	3.10	12.45			20.40		47.2	94541
	2.00	*8.00*	*2.00*	*10.00*			*16.00*		*40.0*	
3.29	4.13	8.75	0.90	9.65			0.56	3.26	35.6	95043
	4.00	*8.00*	*2.00*	*10.00*				*3.00*	*33.3*	
3.02	3.94	8.25	3.20	11.45			4.32		34.6	95044
2.40	3.59	8.80	3.15	11.95			4.66		34.4	95045
	4.00	*8.00*	*2.00*	*10.00*				*4.00*	*34.8*	
4.68	5.26	11.50	0.60	12.10			1.00	7.71	51.3	94618
	5.00	*10.00*	*2.00*	*12.00*				*5.00*	*43.3*	
5.31	5.31	11.60	0.50	12.10			8.99		49.6	94619
	5.00	*10.00*	*2.00*	*12.00*			*5.00*		*41.8*	
		16.55	3.50	20.05					19.9	94766
		17.40	1.60	19.00					20.9	95324
		16.00							*19.2*	
0.90	1.27	10.10	1.20	11.30			2.97		24.3	95048
	1.00	*10.00*	*2.00*	*12.00*			*2.00*		*22.2*	
0.69	1.23	12.35	2.35	14.70			3.24		28.3	95326
	1.00	*11.00*	*2.00*	*13.00*			*3.00*		*24.9*	
2.42	2.42	10.35	9.05	19.40			3.51		33.0	94094
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
		9.90	0.75	10.65			5.04		20.9	95049
		10.00					*4.00*		*19.8*	
		18.40	0.90	19.30					22.1	95050
		18.00	0.35	18.35					21.6	95051
		16.15	1.15	17.30					19.4	95052
		17.95	1.95	19.90					21.5	95327
		17.95	1.90	19.85					21.5	95328
		16.00							*19.2*	
0.87	1.19	11.40	0.80	12.20			2.41		25.1	95053
	1.00	*10.00*	*2.00*	*12.00*			*2.00*		*22.2*	
1.46	1.46	13.70	5.30	19.00			4.37		33.8	94099
	1.00	*11.00*	*2.00*	*13.00*			*3.00*		*24.9*	
		17.30	3.25	20.55					20.8	94767
		18.15	2.00	20.15					22.0	95054
		18.20	2.20	20.40					21.8	95439
		16.00							*19.2*	
2.90	2.90	13.25	9.60	22.85					35.3	94659
	2.00	*10.00*	*10.00*	*20.00*					*27.0*	
	20.84								83.4	94768
	20.80								*83.2*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Fox Chemical Co., Br. Federal	**Chem. Co., Inc., Louisville, Ky.**
95055	Early Harvest Corn, Wheat and Tobacco Grower	A. B. Beale and Son, Murray
95056		W. A. Sparks, London
95329		I. K. Miller and Son, Campbellsville
		Guaranteed
95057	Fox Formula	Clem Keltner, Campbellsville
		Guaranteed
95058	Fox Wheat and Corn Manure	W. A. Sparks, London
95059		Congleton Bros., Beattyville
		Guaranteed
94105	Fox Tobacco Grower	Manufacturer
		Guaranteed
94106	Fox Special Tobacco Grower	Manufacturer
		Guaranteed
94107	Fox Potash Mixture	Manufacturer
		Guaranteed
95060	Fox 16% Superphosphate	Bradshaw-Hagen and Co., Tompkinsville
95061		A. B. Beale and Son, Murray
95330		Clem Keltner, Campbellsville
95440		A. B. Beale and Son, Murray
		Guaranteed
95441	Fox Raw Bone	T. C. Martin, Beaver Dam
		Guaranteed
	Globe Fertilizer Co., Br. Federal	**Chem. Co., Inc., Louisville, Ky.**
94769	Progress Corn, Wheat and Tobacco Grower	T. H. O'Bryan, Dawson Springs
95063		I. K. Miller and Son, Campbellsville
95064		E. H. Mulliken, Bedford
95331		Jas. Allen and J. O. Buck, Clementsville
95332		Vine Grove Feed Co., Vine Grove
		Guaranteed
95442	Braden Formula	Forbes Mnfg. Co., Hopkinsville
		Guaranteed
94758	Universal Crop and Tobacco Grower	Vernon Holt, Jamestown
94770		U. L. Lyne, Elkton
95065		Ben Hook, Brandenburg
95443		Big Four Co., Franklin
		Guaranteed
95066	Eagle Wheat and Corn Grower	Williamsburg Hardware Co., Williamsburg
95333		Vine Grove Feed Co., Vine Grove
95444		H. Bresler, Son and Co., Owensboro
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
0.89	1.50	10.45	3.55	14.00			3.64		27.5	95055
0.75	1.08	11.75	0.75	12.50			1.51		24.1	95056
0.63	1.10	10.65	0.85	11.50			2.19		23.4	95329
	1.00	*10.00*	*2.00*	*12.00*			*2.00*		*22.2*	
0.78	1.11	12.00	1.10	13.10			2.77		26.2	95057
	1.00	*11.00*	*2.00*	*13.00*			*3.00*		*24.9*	
1.64	2.17	8.40	1.10	9.50			2.11		24.3	95058
1.61	1.99	9.10	1.00	10.10			1.78		24.2	95059
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
2.42	2.42	10.35	9.05	19.40			3.51		33.0	94105
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
2.66	2.66	10.35	6.80	17.15			6.95		37.2	94106
	2.00	*8.00*	*2.00*	*10.00*			*6.00*		*28.0*	
		12.45	8.15	20.60			5.90		25.8	94107
		10.00					*4.00*		*19.8*	
		16.70	2.90	19.60					20.0	95060
		16.85	2.00	18.85					20.2	95061
		16.70	2.05	18.75					20.0	95330
		17.05	2.55	19.60					20.5	95440
		16.00							*19.2*	
	3.70			23.80	91	9			38.6	95441
	3.29			*20.00*					*33.2*	
0.82	1.18	9.75	1.60	11.35			3.59		24.3	94769
0.87	1.13	9.75	1.50	11.25			1.92		22.1	95063
0.73	1.05	9.40	1.10	10.50			2.29		21.5	95064
0.71	1.26	9.60	1.00	10.60			2.04		22.3	95331
0.63	1.15	10.95	4.30	15.25			2.04		25.2	95332
	1.00	*10.00*	*2.00*	*12.00*			*2.00*		*22.2*	
0.62	1.10	12.10	3.50	15.60			3.43		28.1	95442
	1.00	*11.00*	*2.00*	*13.00*			*3.00*		*24.9*	
0.88	1.20	8.90	1.10	10.00			3.75		23.1	94758
0.55	1.08	8.80	4.80	13.60			4.16		24.4	94770
0.94	1.26	8.45	1.55	10.00			4.23		23.4	95065
0.60	1.11	9.50	5.50	15.00			4.00		25.7	95443
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
1.85	2.37	8.85	0.85	9.70			2.27		25.8	95066
1.15	2.12	8.65	4.75	13.40			1.97		25.7	95333
1.04	2.01	9.50	5.40	14.90			2.04		26.9	95444
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Globe Fertilizer Co., Br. Federal	**Chemical Co., Inc., Louisville, Ky.—Con.**
94771	Big 4 Tobacco Grower	Forbes Mnfg. Co., Hopkinsville
94772		The Auburn Mills, Auburn
		Guaranteed
94773	Ky. Standard Tobacco Grower	Gilbert C. Lamastus, Riverside
95067		W. H. Lyon, Loretto
95068		Jones and Co., LaCenter
		Guaranteed
94116	Globe Special Tobacco Grower	Manufacturer
		Guaranteed
94774	Globe Potash Mixture	Lessenberry and Jones, Glasgow
95069		Williamsburg Hardware Co., Williamsburg
		Guaranteed
94775	Globe 16% Superphosphate	Big Four Co., Franklin
94776		Lessenberry and Jones, Glasgow
94777		L. W. Jones, Russell Springs
95334		Vine Grove Feed Co. Vine Grove
95335		Jas. Allen and J. O. Buck, Clementsville
95445		Yopp Seed Co., Paducah
		Guaranteed
	Grasselli Chemical Co.,	**Cleveland, O.**
94257	Grasselli Odorless Plant Food	Manufacturer
		Guaranteed
	Hall Seed Co., Louisville, Ky.	
94364	Halco 16% Superphosphate	Manufacturer
		Guaranteed
94365	Halco 20% Superphosphate	Manufacturer
		Guaranteed
95070	Halco High Grade Vegetable Grower	Manufacturer's Warehouse
		Guaranteed
94367	Halco Tobacco Grower	Manufacturer
		Guaranteed
94368	Halco Corn and Wheat Grower	Manufacturer
		Guaranteed
95071	Halco Vegetable Grower	Manufacturer's Warehouse
		Guaranteed
95072	Halco Potato and Tobacco Grower	Manufacturer's Warehouse
		Guaranteed
94371	Halco Bone Meal	Manufacturer
		Guaranteed
94372	Halco Raw Bone	Manufacturer
		Guaranteed
94373	Halco 4-16-4 Fertilizer	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
1.17	2.02	8.00	4.85	12.85			1.88		24.3	94771
1.12	1.95	9.75	3.70	13.45			1.92		26.2	94772
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
1.24	2.14	8.20	3.85	12.05			6.09		29.7	94773
1.07	1.96	8.50	3.60	12.10			6.15		29.4	95067
1.32	2.14	8.75	3.65	12.40			5.51		29.8	95068
	2.00	*8.00*	*2.00*	*10.00*			*6.00*		*28.0*	
2.88	2.88	10.55	3.75	14.30			10.19		45.6	94116
	2.00	*8.00*	*2.00*	*10.00*				*10.00*	*35.8*	
		11.50	3.15	14.65			3.92		22.0	94774
		10.65	1.10	11.75			5.26		22.3	95069
		10.00					*4.00*		*19.8*	
		16.30	3.35	19.65					19.6	94775
		16.70	3.00	19.70					20.0	94776
		16.65	3.10	19.75					20.0	94777
		18.10	2.10	20.20					21.7	95334
		16.30	0.60	16.90					19.6	95335
		18.10	2.40	20.50					21.7	95445
		16.00							*19.2*	
3.56	3.56	14.60	2.70	17.30			4.13		42.2	94257
	4.00	*13.00*	*2.00*	*15.00*			*4.00*		*41.1*	
		15.65	2.45	18.10					18.8	94364
		16.00							*19.2*	
		21.00	0.75	21.75					25.2	94365
		20.00							*24.0*	
2.32	3.10	8.70	0.30	9.00				6.44	35.2	95070
	3.00	*8.00*	*0.50*	*8.50*				*6.00*	*33.2*	
0.97	1.28	10.25	0.60	10.85			3.42		24.8	94367
	1.00	*10.00*	*0.50*	*10.50*			*2.00*		*21.6*	
1.30	1.30	10.25	0.75	11.00			1.26		22.4	94368
	1.00	*10.00*	*0.50*	*10.50*			*1.00*		*20.4*	
3.68	3.68	10.90	0.45	11.35					31.3	95071
	4.00	*10.00*	*0.50*	*10.50*					*31.2*	
1.96	1.96	8.30	0.50	8.80			3.22		24.4	95072
	2.00	*8.00*	*0.50*	*8.50*			*3.00*		*23.8*	
	2.63			26.60	72	28			37.1	94371
	2.50			*24.00*					*34.0*	
	4.08			22.75	100				37.1	94372
	3.70			*22.00*					*36.8*	
4.23	4.23	17.05	0.85	17.90			3.88		47.5	94373
	4.00	*16.00*	*0.50*	*16.50*			*4.00*		*45.0*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Hall Seed Co., Louisville,	**Ky.—Con.**
94374	Halco 4-10-4 Fertilizer	Manufacturer
		Guaranteed
94556	Halco 4-10-4 Fertilizer (Sulfate)	Manufacturer
		Guaranteed
	Hopkins Fertilizer Co.,	**New Albany, Ind.**
94778	Hopkins Old Time Wheat and Corn Grower	Coffey and Van Hook, Moreland
94779		C. A. Stone, Leitchfield
95073		Conner, Hayden Co., Bardstown
95074		Crawford and Snyder, Milton
95336		Conner, Hayden Co., Bardstown
95146		S. A. D. Dodson, Woodrow
		Guaranteed
94780	Hopkins Old Time Red Banner Special	C. M. Langdon, Science Hill
94781		W. C. Grainger, Franklin
95075		H. Talbert and Co., Corbin
95337		W. C. Grainger, Franklin
95338		C. M. Langdon, Science Hill
		Guaranteed
94782	Hopkins Old Time Plant Special	W. C. Grainger, Franklin
		Guaranteed
95076	Hopkins Kentucky Winner	Shepherdsville Roller Mills, Shepherdsville
95339		Shepherdsville Roller Mills, Shepherdsville
		Guaranteed
95077	Hopkins Old Time Potato Grower	Burnside Tifton, Ravenna
95340		C. M. Langdon, Science Hill
		Guaranteed
94783	Hopkins Old Time Burley Grower	W. C. Grainger, Franklin
95078		G. C. McPhetridge, London
95079		Conner, Hayden Co., Bardstown
95341		Shepherdsville Roller Mills, Shepherdsville
95447		S. A. D. Dodson, Garfield
		Guaranteed
94517	Hopkins Old Time Tomato Grower	Manufacturer
		Guaranteed
94784	Hopkins Old Time Ten Ten	C. M. Langdon, Science Hill
		Guaranteed
95342	Hopkins Old Time Half and Half	W. C. Grainger, Franklin
		Guaranteed
95080	Hopkins Old Time Climax Superphosphate	J. R. Bandy, Cloverport
95343		C. M. Langdon, Science Hill
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
4.38	4.38	10.75	0.35	11.10						
	4.00	*10.00*	*0.50*	*10.50*			3.83		38.4	94374
3.82	4.47	10.95	0.40	11.35			*4.00*		*36.0*	
	4.00	*10.00*	*0.50*	*10.50*			0.52	4.18	41.2	94556
								4.00	*37.2*	
0.58	1.42	10.65	0.85	11.50			2.64		25.2	94778
0.21	1.03	11.20	0.50	11.70			1.93		23.4	94779
0.20	0.99	11.90	0.25	12.15			1.80	1.10	25.7	95073
0.60	1.07	10.00	0.35	10.35			2.20		22.1	95074
0.25	1.23	10.75	0.45	11.20			1.24	0.80	23.9	95336
0.75	1.67	9.40	2.60	12.00			1.36	1.16	25.2	95446
	1.00	*10.00*	*2.00*	*12.00*			*2.00*		*22.2*	
0.24	1.08	8.45	0.70	9.15			3.28		21.2	94780
0.58	1.05	9.45	0.40	9.85			3.01		22.2	94781
0.36	1.28	8.40	0.35	8.75			3.06		21.5	95075
0.20	1.04	9.00	0.70	9.70			2.79		21.3	95337
0.20	1.04	9.45	0.50	9.95			2.76		21.9	95338
	1.00	*8.00*	*2.00*	*10.00*			*3.00*		*20.4*	
5.35	5.83	8.85	0.45	9.35			6.40		44.5	94782
	6.00	*8.00*	*2.00*	*10.00*			*6.00*		*44.0*	
3.00	3.82	8.00	0.50	8.50			4.28	0.67	33.6	95076
3.47	3.87	8.75	1.35	10.10			4.44		34.5	95339
	4.00	*8.00*	*2.00*	*10.00*			*4.00*		*33.6*	
2.47	3.42	7.20	0.70	7.90			6.80	0.73	34.0	95077
1.70	2.68	7.90	1.50	9.40			6.77		31.3	95340
	3.00	*7.00*	*1.00*	*8.00*			*7.00*		*31.3*	
2.24	3.24	9.65	0.50	10.15			7.28		36.4	94783
1.75	2.71	8.45	0.50	8.95			6.09		31.0	95078
1.90	2.93	8.15	0.60	8.75			4.00	2.36	32.5	95079
2.75	3.13	8.40	1.10	9.50			6.27		33.1	95341
2.28	3.16	8.65	0.85	9.50			5.48	0.71	33.6	95447
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	
1.82	2.07	12.75	0.70	13.45			5.85		34.7	94517
	2.00	*12.00*	*2.00*	*14.00*			*6.00*		*34.0*	
		10.70	1.20	11.90			8.48	1.53	28.5	94784
		10.00					*10.00*		*27.0*	
0.84	2.16	10.55	2.60	13.15			3.18		29.3	95342
	2.00	*6.00*	*6.00*	*12.00*			*3.00*		*23.0*	
		17.30	0.30	17.60					20.8	95080
		16.95	0.50	17.45					20.4	95343
		16.00							*19.2*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Hopkins Fertilizer Co.,	**New Albany, Ind.—Con.**
95448	Hopkins Old Time 20% Superphosphate	S. A. D. Dodson, Woodrow
		Guaranteed
95081	Hopkins Old Time Superior	Len Webb, Hawesville
95344		Conner, Hayden Co., Bardstown
		Guaranteed
94523	Hopkins Old Time Truck and Potato Grower	Manufacturer
		Guaranteed
94785	Hopkins Old Time Pure Raw Bone	H. A. Spradlin, Monticello
95082		S. E. Walker, Big Clifty
		Guaranteed
94525	Hopkins Old Time Steamed Bone Meal	Manufacturer
		Guaranteed
95083	General Crop Grower	G. C. McPhetridge, London
		Guaranteed
	International Agricultural Corp.,	**Cincinnati, O.**
94421	International Multiple Strength 4-24-12	Manufacturer
		Guaranteed
94422	International Multiple Strength 4-16-20	Manufacturer
		Guaranteed
94423	International Multiple Strength 4-28-8	Manufacturer
		Guaranteed
94424	International Multiple Strength 4-24-4	Manufacturer
		Guaranteed
94425	International Multiple Strength 0-20-20	*
		Guaranteed
94426	International Multiple Strength 0-28-12	Manufacturer
		Guaranteed
95084	International Truck and Potato Special	N. P. Hutson, Murray
		Guaranteed
94428	International Extra High Grade	Manufacturer
		Guaranteed
95086	International Quality Producer Dark Tobacco Fertilizer	Yopp Seed Co., Paducah
		Guaranteed
94431	International Plant Bed Special	Manufacturer
		Guaranteed
94432	International Top Dresser	*
		Guaranteed
95087	†International Tobacco and Potato Grower	Mrs. L. M. Cooper, Mt. Vernon
95088		Yopp Seed Co., Paducah
95089		Alva West and Co., Maysville
		Guaranteed
94786	†International High Grade Tobacco Special	C. M. Langdon, Science Hill
95091		Patrick Dillon, Hardinsburg
		Guaranteed

*The manufacturer failed to furnish sample as required by law.

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
		20.70	0.20	20.90					24.8	95448
		20.00							*24.0*	
1.01	2.15	10.95	1.20	12.15			3.98		30.3	95081
1.57	2.02	10.20	1.50	11.70			4.11		28.9	95344
	2.00	*10.00*	*2.00*	*12.00*			*4.00*		*28.6*	
3.26	3.82	10.95	0.60	11.55			4.06		36.8	94523
	4.00	*10.00*	*2.00*	*12.00*			*4.00*		*36.6*	
	3.72			22.70	56	44			37.6	94785
	3.76			22.15	58	42			37.2	95082
	3.50			*21.50*					*35.5*	
	0.56			34.60	68	32			36.8	94525
	0.82			*30.00*					*33.3*	
1.35	1.92	12.95	1.00	13.95			0.64	1.34	30.3	95083
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
3.29	3.80	24.40	1.00	25.40			12.22		66.9	94421
	4.00	*24.00*	*1.00*	*25.00*			*12.00*		*66.8*	
3.23	3.62	16.20	0.80	17.00			21.02		64.3	94422
	4.00	*16.00*	*1.00*	*17.00*			*20.00*		*64.4*	
3.16	3.71	28.70	1.05	29.75			9.17		69.3	94423
	4.00	*28.00*	*1.00*	*29.00*			*8.00*		*68.0*	
3.13	3.56	24.25	0.75	25.00			4.87		56.8	94424
	4.00	*24.00*	*1.00*	*25.00*			*4.00*		*57.2*	
										94425
		20.00					*20.00*		*54.0*	
		28.30	0.90	29.20			11.58		56.4	94426
		28.00					*12.00*		*56.4*	
1.81	2.21	8.75	1.15	9.90			12.09		36.9	95084
	2.00	*8.00*	*1.00*	*9.00*			*10.00*		*32.4*	
1.54	1.79	13.40	0.10	13.50			5.98		34.5	94428
	2.00	*12.00*	*1.00*	*13.00*			*6.00*		*33.6*	
2.88	4.19	10.95	0.65	11.60			5.98		40.6	95086
	4.00	*11.00*	*1.00*	*12.00*				*5.00*	*40.4*	
2.88	4.02	9.95	0.50	10.45			0.68	5.74	40.6	94431
	4.00	*10.00*	*1.00*	*11.00*				*6.00*	*40.4*	
										94432
	10.00	*6.00*	*1.00*	*7.00*			*4.00*		*54.2*	
1.66	2.93	9.40	0.85	10.25				6.29	35.6	95087
1.98	2.68	9.05	0.70	9.75			6.44		32.3	95088
1.79	2.79	8.25	0.85	9.10			3.92	3.18	33.4	95089
	3.00	*8.00*	*1.00*	*9.00*				*6.00*	*33.4*	
1.58	2.12	11.60	1.10	12.70			2.84	1.51	32.0	94786
2.26	2.90	10.65	0.85	11.50			1.90	2.41	33.8	95091
	2.00	*10.00*	*1.00*	*11.00*				*4.00*	*29.4*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	International Agricultural Corp.,	**Cincinnati, O.—Con.**
95093	International Crop Grower	Boone County Farm Bureau, Florence
95345		J. W. Faulkner, Campbellsville
95449		Patrick Dillon, Hardinsburg
		Guaranteed
95094	International Grain Grower	Fox Bros., Winchester
95095		R. F. Emmons, Tolesboro
95346		Alva West and Co., Maysville
95450		Patrick Dillon, Hardinsburg
		Guaranteed
95096	International Standard Fertilizer	London Hardware Co., London
		Guaranteed
95097	International Ten Five	R. F. Emmons, Tolesboro
		Guaranteed
94439	International Limed Ten Five	Manufacturer
		Guaranteed
95347	International 40% Multiple Superphosphate	J. W. Faulkner, Campbellsville
		Guaranteed
95098	International 20% Superphosphate	Woodson Lewis, Greensburg
95348		Alva West and Co., Maysville
		Guaranteed
94787	International 16% Superphosphate	C. M. Langdon, Science Hill
95099		London Hardware Co., London
95100		Patrick Dillon, Hardinsburg
95451		Patrick Dillon, Hardinsburg
		Guaranteed
95101	International Limed 16% Superphosphate	Woodson Lewis, Greensburg
95102		Yopp Seed Co., Paducah
95349		Hatter Hardware Co., Franklin
		Guaranteed
94445	International Muriate of Potash	*
		Guaranteed
94446	International Nitrate of Soda	*
		Guaranteed
95104	International Phosphate and Tobacco	R. F. Emmons, Tolesboro
		Guaranteed
95257	International Tomato Perfection Fertilizer	J. H. Jasper, W. Somerset
		Guaranteed
94650	International Lawn and Garden Fertilizer	Manufacturer
		Guaranteed
	The Jarecki Chemical Co., (Armour owned)	**Cincinnati, Louisville, Nashville.**
94283	Jarecki 4-16-4 Fertilizer	Manufacturer
		Guaranteed
94284	Jarecki 2-16-8 Fertilizer	Manufacturer
		Guaranteed

*The manufacturer failed to furnish sample as required by law.

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
1.17	1.94	11.95	1.95	13.90			1.94	0.51	29.6	95093
1.67	1.99	12.55	1.00	13.55			2.03		29.6	95345
1.64	1.97	11.90	1.50	13.40			2.50		29.3	95449
	2.00	*12.00*	*1.00*	*13.00*			*2.00*		*28.8*	
0.61	0.95	10.35	1.10	11.45			0.95	2.68	24.9	95094
0.56	0.84	9.85	1.25	11.10			0.84	3.20	24.5	95095
0.80	1.00	10.90	1.10	12.00			3.34		24.8	95346
0.86	1.06	10.00	1.00	11.00			3.35		23.7	95450
	1.00	*10.00*	*1.00*	*11.00*			*3.00*		*23.0*	
1.33	1.77	8.05	0.70	8.75			1.76	0.68	22.6	95096
	2.00	*8.00*	*1.00*	*9.00*			*2.00*		*22.8*	
		11.00	1.10	12.10			5.51		23.1	95097
		10.00					*5.00*		*21.0*	
		11.00	0.65	11.65			5.74		23.4	94439
		10.00					*5.00*		*21.0*	
		39.10	1.15	40.25					46.9	95347
		40.00							*48.0*	
		20.45	0.15	20.60					24.5	95098
		21.00	0.30	21.30					25.2	95348
		20.00							*24.0*	
		16.10	1.50	17.60					19.3	94787
		16.10	0.85	16.95					19.3	95099
		16.75	1.45	18.20					20.1	95100
		16.65	1.70	18.35					20.0	95451
		16.00							*19.2*	
		16.50	1.00	17.50					19.8	95101
		16.50	1.80	18.30					19.8	95102
		16.65	1.55	18.20					20.0	95349
		16.00							*19.2*	
										94445
							50.00		*60.00*	
										94446
	15.00								*60.0*	
		17.20	1.00	18.20					20.6	95104
		16.00							*19.2*	
2.62	3.27	11.90	0.35	12.25			3.72	2.93	39.9	95257
	3.00	*12.00*					*5.00*	*2.00*	*39.0*	
3.06	3.62	12.45	0.10	12.55			4.82		39.0	94650
	4.00	*12.00*					*4.00*		*38.8*	
4.21	4.21	16.75	0.85	17.60			4.73		48.0	94283
	4.00	*16.00*	*0.50*	*16.50*			*4.00*		*45.0*	
2.00	2.00	16.20	0.60	16.80			8.69		43.0	94284
	2.00	*16.00*	*0.50*	*16.50*			*8.00*		*41.8*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The Jarecki Chemical Co., (Armour owned)	**Cincinnati, Louisville, Nashville—Con.**
94285	Jarecki 0-16-8 Fertilizer	Manufacturer
		Guaranteed
94286	Jarecki 2-12-2 Fertilizer	Manufacturer
		Guaranteed
94287	Jarecki 20% Superphosphate	Manufacturer
		Guaranteed
94288	Jarecki 16% Superphosphate	Manufacturer
		Guaranteed
94289	Jarecki 32% Superphosphate	Manufacturer
		Guaranteed
94290	Jarecki Multiphos	Manufacturer
		Guaranteed
94291	Jarecki Plant Bed Special	Manufacturer
		Guaranteed
95105	Jarecki Burley Tobacco Grower	Donhey Bros., R. 1, Augusta
		Guaranteed
94293	Jarecki High Analysis Burley Tobacco Grower	Manufacturer
		Guaranteed
94294	Jarecki 2-12-6 Fertilizer	Manufacturer
		Guaranteed
94295	Jarecki 2-8-2 Fertilizer	Manufacturer
		Guaranteed
94296	Jarecki 1-12-1 Fertilizer	Manufacturer
		Guaranteed
94297	Jarecki Bone Meal	Manufacturer
		Guaranteed
94298	Jarecki Raw Bone	Manufacturer
		Guaranteed
94546	Jarecki Special Mixture 3-10-10	Manufacturer
		Guaranteed
94578	Jarecki 3-18-3 Fertilizer	Manufacturer
		Guaranteed
	Joslin-Schmidt Corporation,	**(Groves Fert. Works) Cincinnati, O.**
94375	Square Brand 2-12-6	Manufacturer
		Guaranteed
94788	Square Brand 2-12-2	G. M. Hedrick, Monticello
95106		Ratliff Hardware Co., Princeton
95107		D. E. Patterson, Hodgenville
95350		G. M. Hedrick, Monticello
95452		Cayce-Yost Co., Hopkinsville
		Guaranteed
95108	Square Brand 2-14-4	F. H. Gordon, Richmond
		Guaranteed
94379	Square Brand 3-9-18	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
		16.80	0.60	17.40			9.29		36.4	94285
		16.00					*8.00*		*33.6*	
2.16	2.16	12.75	0.50	13.25			2.42		30.9	94286
	2.00	*12.00*	*0.50*	*12.50*			*2.00*		*28.6*	
		21.95	0.90	22.85					26.3	94287
		20.00							*24.0*	
		15.50	2.70	18.20					18.6	94288
		16.00							*19.2*	
		33.00	1.50	34.50					39.6	94289
		32.00							*38.4*	
		46.50	4.40	50.90					55.8	94290
		45.00							*54.0*	
3.28	4.06	7.90	0.30	8.20				3.84	34.0	94291
	4.00	*8.00*	*0.50*	*8.50*				*3.00*	*32.7*	
2.39	2.91	8.20	0.40	8.60			0.76	5.51	33.3	95105
	3.00	*8.00*	*0.50*	*8.50*				*6.00*	*33.2*	
3.33	4.17	13.00	1.10	14.10			1.04	7.57	49.2	94293
	4.00	*12.00*	*0.50*	*12.50*				*8.00*	*46.2*	
2.18	2.18	12.60	0.65	13.25			6.58		35.8	94294
	2.00	*12.00*	*0.50*	*12.50*			*6.00*		*33.4*	
2.51	2.51	8.35	0.45	8.80			2.56		25.8	94295
	2.00	*8.00*	*0.50*	*8.50*			*2.00*		*22.6*	
1.36	1.36	12.70	1.00	13.70			1.36		26.5	94296
	1.00	*12.00*	*0.50*	*12.50*			*1.00*		*23.4*	
	2.57			26.10	70	30			36.4	94297
	2.50			*24.00*					*34.0*	
	4.01			22.85	100				38.9	94298
	3.70			*22.00*					*36.8*	
2.38	3.08	12.09	0.30	12.30			0.84	10.02	46.5	94546
	3.00	*10.00*	*0.50*	*10.50*				*10.00*	*42.2*	
3.25	3.25	19.05	0.70	19.75			3.62		46.2	94578
	3.00	*18.00*	*0.50*	*18.50*			*3.00*		*42.8*	
1.47	2.53	13.80	1.30	15.10			7.33		40.1	94375
	2.00	*12.00*	*2.00*	*14.00*			*6.00*		*34.0*	
1.62	2.01	12.15	1.60	13.75			1.93		29.2	94788
1.89	2.20	11.75	1.80	13.55			2.22		29.8	95106
1.61	2.04	12.25	0.25	12.50			2.42		29.5	95107
1.74	2.05	11.85	2.25	14.10			2.13		29.4	95350
1.84	2.17	12.35	2.00	14.35			2.60		31.1	95452
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
1.68	2.04	14.60	0.90	15.50			4.02		35.2	95108
	2.00	*14.00*	*2.00*	*16.00*			*4.00*		*34.6*	
2.33	3.21	10.70	0.20	10.90			17.58		50.1	94379
	3.00	*9.00*	*2.00*	*11.00*			*18.00*		*47.9*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Joslin-Schmidt Corp., (Groves Fert.	**Works), Cincinnati, O.—Con.**
95109	†Square Brand 3-8-6	L. F. Wellman, Louisa
95111		D. E. Patterson, Hodgenville
		Guaranteed
95453	Square Brand 3-12-4	Cayce-Yost Co., Hopkinsville
		Guaranteed
94383	Square Brand 4-12-4	Manufacturer
		Guaranteed
94384	Square Brand 4-10-6	Manufacturer
		Guaranteed
94386	Square Brand 4-24-4	Manufacturer
		Guaranteed
94387	Square Brand 4-8-8	Manufacturer
		Guaranteed
94388	Square Brand 6-8-6	Manufacturer
		Guaranteed
94790	Square Brand 1-8-4	D. L. D. Sandefer, Beaver Dam
95113		I. K. Miller and Son, Campellsville
		Guaranteed
94390	Square Brand 0-10-5	Manufacturer
		Guaranteed
94391	Square Brand 0-10-10	Manufacturer
		Guaranteed
94392	Square Brand 0-12-12	Manufacturer
		Guaranteed
94393	Square Brand 0-20-20	Manufacturer
		Guaranteed
94394	Square Brand 0-14-6	Manufacturer
		Guaranteed
94395	Square Brand 0-8-32	Manufacturer
		Guaranteed
94791	16% Superphosphate	G. M. Hedrick, Monticello
94792		H. D. Jones, Glasgow
95114		F. H. Gordon, Richmond
95351		H. D. Jones, Glasgow
95454		Ratliff Hardware Co., Princeton
		Guaranteed
94794	†20% Superphosphate	G. M. Hedrick, Monticello
95115		Vine Grove Feed Co., Vine Grove
95352		H. D. Jones, Glasgow
		Guaranteed
94398	24% Superphosphate	Manufacturer
		Guaranteed
94795	Steamed Bone Meal	Cayce-Yost Co., Hopkinsville
95353		H. D. Jones, Glasgow
		Guaranteed
95455	Raw Bone	Cayce-Yost Co., Hopkinsville
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
2.54	2.90	8.90	0.85	9.75			1.24	4.83	34.0	95109
1.86	2.56	10.60	0.50	11.10			6.07		33.6	95111
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	
2.29	2.86	12.75	1.35	14.10			5.04		37.2	95453
	3.00	*12.00*	*2.00*	*14.00*			*4.00*		*35.6*	
3.28	4.62	13.20	0.60	13.80			4.48		43.9	94383
	4.00	*12.00*	*2.00*	*14.00*			*4.00*		*39.6*	
3.46	4.76	11.30	0.55	11.85			6.37		43.9	94384
	4.00	*10.00*	*2.00*	*12.00*			*6.00*		*39.0*	
3.14	3.86	23.80	3.10	26.90			5.06		58.5	94386
	4.00	*24.00*	*2.00*	*26.00*			*4.00*		*57.6*	
3.30	4.48	9.25	0.60	9.85			8.83		42.6	94387
	4.00	*8.00*	*2.00*	*10.00*			*8.00*		*38.4*	
4.88	6.41	9.10	0.40	9.50			6.77		47.6	94388
	6.00	*8.00*	*2.00*	*10.00*			*6.00*		*44.0*	
0.84	1.22	8.90	1.00	9.90			4.27		23.8	94790
0.73	1.12	8.75	0.80	9.55			4.02		22.8	95113
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
		11.75	0.70	12.45			6.33		25.2	94390
		10.00					*5.00*		*21.0*	
		10.75	1.00	11.75			9.88		28.0	94391
		10.00					*10.00*		*27.0*	
		12.00	1.70	13.70			12.91		33.5	94392
		12.00					*12.00*		*32.4*	
		21.25	1.20	22.45			20.88		61.9	94393
		20.00					*20.00*		*54.0*	
		15.75	0.95	16.70			7.47		32.6	94394
		14.00					*6.00*		*28.2*	
		9.15	0.55	9.70			33.44		53.9	94395
		8.00					*32.00*		*50.4*	
		17.35	0.55	17.90					20.8	94791
		16.55	1.05	17.60					19.9	94792
		16.65	0.75	17.40					20.0	95114
		16.60	1.00	17.60					19.9	95351
		16.95	0.65	17.60					20.3	95454
		16.00							*19.2*	
		20.90	1.00	21.90					25.1	94794
		20.00	0.75	20.75					24.0	95115
		20.20	1.30	21.50					24.2	95352
		20.00							*24.0*	
		24.95	1.35	26.30					29.9	94398
		24.00							*28.8*	
	1.83			28.50	93	7			35.8	94795
	1.63			27.15	88	12			33.7	95353
	1.65			*27.00*					*33.6*	
	4.38			22.00	83	17			39.5	95455
	3.70			*22.00*					*36.8*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Joslin-Schmidt Cor., (Groves Fert. Works), Cincinnati, O.—Con.	
95456	Regular Bone Mixture (700 lbs. Bone)	Cayce-Yost Co., Hopkinsville
		Guaranteed
94402	Special Bone Mixture (875 lbs. Bone)	Manufacturer
		Guaranteed
94403	Sulphate of Ammonia	Manufacturer
		Guaranteed
94404	Nitrate of Soda	Manufacturer
		Guaranteed
95116	Muriate of Potash	William Addams, Cynthiana
		Guaranteed
94651	Sulphate of Potash	Manufacturer
		Guaranteed
	Ky. Fertilizer Co., Br. Fed. Chem. Co., Inc., Louisville, Ky.	
95117	O. K. Corn, Wheat and Tobacco Grower	Chappell Grocery Co., Pineville
95118		B. D. Jordan and Son, Flemingsburg
95119		J. W. Burton, Columbia
95457		Guenther Hardware Co., Owensboro
95458		J. E. Smith, Dixon
		Guaranteed
94121	O. K. High Grade Mixture	Manufacturer
		Guaranteed
94796	Golden Leaf Tobacco Grower	S. L. Hoover, Game
95120		B. D. Jordan and Son, Flemingsburg
95121		J. E. Smith, Dixon
95122		T. E. Furrie, West Point
		Guaranteed
95123	O. K. 16% Superphosphate	B. D. Jordan and Son, Flemingsburg
95124		L. R. Hart, Big Clifty
95125		Boone County Farm Bureau, Florence
95262		F. A. Houk, Paducah
95354		Lonnie Jackson, Caneyville
95459		Guenther Hardware Co., Owensboro
		Guaranteed
	Knoxville Fertilizer Co.,	**Knoxville, Tenn.**
94797	Knox Magnesia Phosphate	C. M. Langdon, Science Hill
94798		I. H. Hummer and Co., Scottsville
94799		G. H. Bowles and Co., Glasgow
95355		I. H. Hummer and Co., Scottsville
95356		Farmers Elevator Co., Franklin
95357		G. H. Bowles and Co., Glasgow
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
1.25	1.74	9.95	6.25	16.20			3.96		29.1	95456
	2.00	*8.00*	*8.00*	*16.00*			*2.00*		*25.6*	
0.86	1.40	16.40	5.90	22.30			8.57		42.8	94402
	1.00	*10.00*	*10.00*	*20.00*			*5.00*		*29.0*	
	20.80								83.2	94403
	20.56								*82.2*	
	16.12								64.5	94404
	15.61								*62.4*	
							52.12		62.5	95116
							50.00		*60.0*	
								49.80	74.7	94651
								48.00	*72.0*	
0.90	1.24	9.50	0.80	10.30			2.64		22.7	95117
0.70	1.02	10.40	1.20	11.60			2.33		23.0	95118
0.56	1.10	10.55	3.35	13.90			1.92		23.9	95119
0.74	1.34	10.80	4.90	15.70			2.33		26.3	95457
0.54	1.05	10.70	4.80	15.50			2.19		24.8	95458
	1.00	*10.00*	*2.00*	*12.00*			*2.00*		*22.2*	
1.46	1.46	13.70	5.30	19.00			4.37		33.8	94121
	1.00	*11.00*	*2.00*	*13.00*			*3.00*		*24.9*	
1.14	2.06	7.85	4.70	12.55			2.12		24.4	94796
1.03	1.72	9.60	3.40	13.00			1.98		25.0	95120
1.11	1.88	9.50	3.90	13.40			1.92		25.6	95121
1.49	2.00	7.85	1.15	9.00			2.44		23.2	95122
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
		16.70	1.70	18.40					20.0	95123
		16.35	1.25	17.60					19.6	95124
		16.90	0.50	17.40					20.3	95125
		16.90	1.40	18.30					21.3	95262
		16.75	0.90	17.65					20.1	95354
		17.30	1.90	19.20					20.8	95459
		16.00							*19.2*	
		17.00	1.70	18.70					20.4	94797
		16.15	1.95	18.10					19.4	94798
		16.30	2.00	18.30					19.6	94799
		16.25	1.70	17.95					19.5	95355
		16.35	1.20	17.55					19.6	95356
		16.00	1.45	17.45					19.2	95357
		16.00							*19.2*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Knoxville Fertilizer Co.,	**Knoxville, Tenn.—Con.**
94800	Basic Ten O Four	G. H. Bowles and Co., Glasgow
94801		C. M. Langdon, Science Hill
95358		G. H. Bowles and Co., Glasgow
95359		Farmers Elevator Co., Franklin
		Guaranteed
94802	Bright Burley Brand	W. W. Taylor, Somerset
94803		Vick Smith, Bowling Green
95126		E. T. Ford, Cave City
95127		Bohannon Coal and Feed Co., Versailles
		Guaranteed
94804	Dark Tobacco Brand	W. B. and U. G. Robertson, Adairville..
94805		Auburn Roller Mills, Auburn
		Guaranteed
94639	Basic Twelve O Four	Manufacturer
		Guaranteed
94806	Sulphate of Ammonia	W. B. and U. G. Robertson, Adairville..
95460		W. B. Robertson, Adairville
		Guaranteed
94807	Muriate of Potash	W. B. Robertson, Adairville
		Guaranteed
94808	Nitrate of Soda	W. B. and U. G. Robertson, Adairville..
		Guaranteed
94643	Raw Bone Meal	Manufacturer
		Guaranteed
	Louisville Fertilizer Co., (Armour owned)	**Cincinnati, Louisville, Nashville.**
94299	Louisville 4-16-4 Fertilizer	Manufacturer
		Guaranteed
94300	Louisville 2-16-8 Fertilizer	Manufacturer
		Guaranteed
94811	Louisville 0-16-8 Fertilizer	H. D. Jones, Glasgow
		Guaranteed
94302	Louisville 2-12-10 Fertilizer	Manufacturer
		Guaranteed
94303	Louisville 2-12-2 Fertilizer	Manufacturer
		Guaranteed
94304	Louisville 0-12-4 Fertilizer	Manufacturer
		Guaranteed
94305	Louisville 5-10-10 Fertilizer	Manufacturer
		Guaranteed
95461	Louisville Old Black Joe 2-10-4	Bishop and Bishop, Providence
		Guaranteed
95360	Louisville 20% Superphosphate	R. J. Wilcox, Greensburg
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
		11.05	0.75	11.80			4.95		22.5	94800
		10.40	0.75	11.15			4.44		20.9	94801
		10.20	0.70	10.90			4.34		20.5	95358
		10.70	0.80	11.50			3.94		20.8	95359
		10.00					*4.00*		*19.8*	
1.06	1.66	9.60	0.95	10.55			4.50		26.8	94802
1.46	1.91	9.90	1.20	11.10			4.04	0.76	29.0	94803
1.29	1.72	10.75	1.05	11.80			2.68	1.03	28.2	95126
1.59	2.02	10.40	1.00	11.40			3.48	0.73	29.4	95127
	2.00	*9.00*					*2.00*	*2.00*	*26.9*	
1.24	1.93	9.50	1.25	10.75			4.12	0.63	28.4	94804
1.50	1.93	9.85	1.05	10.90			4.24	0.47	28.7	94805
	2.00	*9.00*					*2.00*	*2.00*	*26.9*	
		11.15	1.20	12.35			5.17		22.9	94639
		12.00					*4.00*		*22.8*	
	20.72								82.9	94806
	19.76								79.0	95460
	19.74								*79.0*	
							54.32		65.2	94807
							50.00		*60.0*	
	15.84								63.4	94808
	15.00								*60.0*	
	4.23			22.10	74	26			39.0	94643
	3.70			*20.00*					*34.8*	
4.21	4.21	16.75	0.85	17.60			4.73		48.0	94299
	4.00	*16.00*	*0.50*	*16.50*			*4.00*		*45.0*	
2.00	2.00	16.20	0.60	16.80			8.69		43.0	94300
	2.00	*16.00*	*0.50*	*16.50*			*8.00*		*41.8*	
		16.35	0.80	17.15			8.30		34.5	94811
		16.00					*8.00*		*33.6*	
1.69	2.00	12.15	1.60	13.75			9.99		38.9	94302
	2.00	*12.00*	*0.50*	*12.50*			*10.00*		*38.2*	
2.16	2.16	12.75	0.50	13.25			2.42		30.9	94303
	2.00	*12.00*	*0.50*	*12.50*			*2.00*		*28.6*	
		13.90	0.70	14.60			5.01		26.9	94304
		12.00					*4.00*		*22.8*	
4.98	4.98	10.65	1.85	12.50			10.06		48.7	94305
	5.00	*10.00*	*0.50*	*10.50*			*10.00*		*47.2*	
3.19	3.62	9.80	3.00	12.80			4.62		35.9	95461
	2.00	*10.00*	*0.50*	*10.50*			*4.00*		*28.0*	
		20.95	0.70	21.65					25.1	95360
		20.00							*24.0*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Louisville Fertilizer Co., (Armour owned)	**Cincinnati, Louisville, Nashville—Con.**
94812	Louisville 16% Superphosphate....	H. D. Jones, Glasgow
94813		Louis Cohen, Central City
95361		John B. Marriott, Cecilia
95362		R. J. Wilcox, Greensburg
95462		Bishop and Bishop, Providence
		Guaranteed
95363	Louisville 32% Superphosphate....	W. J. Thorp, Hodgenville
		Guaranteed
94311	Louisville Multiphos	Manufacturer
		Guaranteed
95129	Louisville Plant Bed Special	Irvington Hardware and Implement Co., Irvington
		Guaranteed
95130	Louisville Burley Tobacco Grower	Irvington Hardware and Implement Co., Irvington
		Guaranteed
94314	Louisville High Analysis Burley Tobacco Grower	Manufacturer
		Guaranteed
94315	Louisville 2-12-6 Fertilizer	Manufacturer
		Guaranteed
94316	Louisville 2-8-2 Fertilizer	Manufacturer
		Guaranteed
94317	Louisville 1-12-1 Fertilizer	Manufacturer
		Guaranteed
94318	Louisville 4-12-8 Fertilizer	Manufacturer
		Guaranteed
94319	Louisville Bone Meal	Manufacturer
		Guaranteed
95364	Louisville Raw Bone	R. J. Wilcox, Greensburg
		Guaranteed
94348	Louisville 3-10-3 Fertilizer	Manufacturer
		Guaranteed
94356	Louisville 4-10-4 Fertilizer	Manufacturer
		Guaranteed
94357	Louisville 5-15-5 Fertilizer	Manufacturer
		Guaranteed
94579	Louisville 3-18-3 Fertilizer	Manufacturer
		Guaranteed
	Memphis Fertilizer Factory,	**Memphis, Tenn.**
94416	Memphis Complete Fertilizer 3-10-3	Manufacturer
		Guaranteed
94417	Memphis Complete Fertilizer 3-8-6	Manufacturer
		Guaranteed
94418	Memphis Complete Fertilizer 4-10-4	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
		16.75	0.60	17.35					20.1	94812
		17.05	3.80	20.85					20.5	94813
		16.35	0.95	17.30					19.6	95361
		16.10	1.15	17.25					19.3	95362
		16.30	2.00	18.30					19.6	95462
		16.00							*19.2*	
		30.55	2.50	33.05					36.7	95363
		32.00							*38.4*	
		46.50	4.40	50.90					55.8	94311
		45.00							*54.0*	
3.04	4.00	8.50	0.50	9.00				3.03	33.4	95129
	4.00	*8.00*	*0.50*	*8.50*				*3.00*	*32.7*	
2.30	3.01	8.15	0.35	8.50			0.64	5.30	33.1	95130
	3.00	*8.00*	*0.50*	*8.50*				*6.00*	*33.2*	
3.33	4.17	13.00	1.10	14.10			1.04	7.57	49.2	94314
	4.00	*12.00*	*0.50*	*12.50*				*8.00*	*46.2*	
2.18	2.18	12.60	0.65	13.25			6.58		35.8	94315
	2.00	*12.00*	*0.50*	*12.50*			*6.00*		*33.4*	
2.51	2.51	8.35	0.45	8.80			2.56		25.8	94316
	2.00	*8.00*	*0.50*	*8.50*			*2.00*		*22.6*	
1.36	1.36	12.70	1.00	13.70			1.36		26.5	94317
	1.00	*12.00*	*0.50*	*12.50*			*1.00*		*23.4*	
4.19	4.19	12.80	0.75	13.55			8.00		45.9	94318
	4.00	*12.00*	*0.50*	*12.50*			*8.00*		*43.8*	
	2.57			26.10	70	30			36.4	94319
	2.50			*24.00*					*34.0*	
	3.66			22.20	100				36.8	95364
	3.70			*22.00*					*36.8*	
3.04	3.40	11.05	3.35	14.40			3.88		36.2	94348
	3.00	*10.00*	*0.50*	*10.50*			*3.00*		*30.8*	
4.40	4.40	10.80	0.35	11.15			3.97		38.7	94356
	4.00	*10.00*	*0.50*	*10.50*			*4.00*		*36.0*	
5.37	5.37	16.10	0.50	16.60			5.41		52.3	94357
	5.00	*15.00*	*0.50*	*15.50*			*5.00*		*48.7*	
3.25	3.25	19.05	0.70	19.75			3.62		46.2	94579
	3.00	*18.00*	*0.50*	*18.50*			*3.00*		*42.8*	
2.93	2.93	10.25	0.40	10.65			3.22		31.1	94416
	3.00	*10.00*	*1.00*	*11.00*			*3.00*		*31.0*	
2.83	2.83	8.55	0.75	9.30			6.48		32.2	94417
	3.00	*8.00*	*1.00*	*9.00*			*6.00*		*31.6*	
4.12	4.12	9.95	0.40	10.35			4.28		36.7	94418
	4.00	*10.00*	*1.00*	*11.00*			*4.00*		*36.2*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Memphis Fertilizer Factory,	**Memphis, Tenn.—Con.**
94814	Memphis Fertilizer 0-10-4	S. E. Redford, Glasgow
		Guaranteed
94815	Memphis Superphosphate	S. E. Redford, Glasgow
95131		Marion Milling Co., Marion
		Guaranteed
	Natonal Chemical Co.,	**Louisville, Ky.**
94168	Big Pay Corn and Wheat Special 1-10-1	Manufacturer
		Guaranteed
94169	Big Pay Wheat and Corn Grower 1-10-2	Manufacturer
		Guaranteed
94170	Big Pay Crady's Formula 1-11-3	Manufacturer
		Guaranteed
95132	Big Pay Crop and Tobacco Fertilizer 1-8-4	E. S. Ferrill and Sons, Buffalo
95365		E. S. Ferrill and Sons, Buffalo
		Guaranteed
94172	Big Pay Potash Ten 1-8-10	Manufacturer
		Guaranteed
94173	Big Pay Tobacco Grower 2-8-2	Manufacturer
		Guaranteed
95133	Big Pay Beef, Blood and Bone Fertilizer 2-8-2	Woodson Lewis, Greensburg
95134		E. S. Ferrill and Sons, Buffalo
		Guaranteed
94175	Big Pay Ky. Special Tobacco Grower 2-8-5	Manufacturer
		Guaranteed
94176	Big Pay Standard Tobacco Grower 2-8-6	Manufacturer
		Guaranteed
94177	Big Pay Best Tobacco Grower 2-8-6	Manufacturer
		Guaranteed
94178	Big Pay Vegetable and Tobacco Grower 2-8-10	Manufacturer
		Guaranteed
94179	Big Pay High Grade Fertilizer 2 10-2	Manufacturer
		Guaranteed
95366	Big Pay Black Bone Tobacco Grower 2 10-2	Manufacturer
		Guaranteed
94816	Big Pay Champion 2-12-2	Farmers Supply Co., Stanford
95135		Woodson Lewis, Greensburg
		Guaranteed
94182	Big Pay Tomato and Tobacco Fertilizer 2-12-6	Manufacturer
		Guaranteed
94817	Big Pay Special Tobacco and Potato Fertilizer 3-8-6	Farmers Supply Co., Stanford
95136		Woodson Lewis, Greensburg
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
		10.15	1.40	11.55			4.71		20.9	94814
		10.00					*4.00*		*19.8*	
		17.95	1.65	19.60					21.5	94815
		18.00	2.30	20.30					21.6	95131
		16.00							*19.2*	
1.78	1.78	12.80	6.90	19.70			2.91		32.6	94168
	1.00	*10.00*	*2.00*	*12.00*			*1.00*		*21.0*	
1.40	1.40	12.55	8.05	20.60			3.24		31.5	94169
	1.00	*10.00*	*2.00*	*12.00*			*2.00*		*22.2*	
1.37	1.37	13.60	5.60	19.20			4.46		33.5	94170
	1.00	*11.00*	*2.00*	*13.00*			*3.00*		*24.9*	
1.22	1.22	8.60	3.60	12.20			3.60		23.5	95132
0.60	1.10	8.80	5.65	14.45			4.13		24.8	95365
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
1.92	1.92	10.70	4.40	15.10			13.48		41.7	94172
	1.00	*8.00*	*2.00*	*10.00*			*10.00*		*28.8*	
2.43	2.43	10.40	9.00	19.40			3.69		33.4	94173
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
1.05	2.03	9.90	3.50	13.40			1.94		26.7	95133
1.77	2.17	8.35	1.30	9.65			2.39		24.6	95134
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
2.76	2.76	9.85	6.70	16.55			7.12		37.0	94175
	2.00	*8.00*	*2.00*	*10.00*			5.00		26.8	
2.93	2.93	10.20	5.35	15.55			10.61		41.9	94176
	2.00	*8.00*	*2.00*	*10.00*			*6.00*		*28.0*	
2.75	3.49	10.05	2.60	12.65			1.48	8.09	41.6	94177
	2.00	*8.00*	*2.00*	*10.00*				*6.00*	*29.8*	
2.95	3.43	10.05	5.10	15.15			1.16	8.66	45.2	94178
	2.00	*8.00*	*2.00*	*10.00*				*10.00*	*35.8*	
2.49	2.49	12.45	4.95	17.80			3.82		35.8	94179
	2.00	*10.00*	*2.00*	*12.00*			*2.00*		*26.2*	
1.15	2.06	10.50	3.80	14.30			1.94		27.8	95366
	2.00	*10.00*	*2.00*	*12.00*			*2.00*		*26.2*	
1.60	2.13	11.20	2.20	13.40			2.52	0.79	30.4	94816
1.19	2.12	11.40	3.30	14.70			1.94		29.2	95135
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
2.95	2.95	14.00	0.30	14.30			8.17		42.7	94182
	2.00	*12.00*	*2.00*	*14.00*			*6.00*		*34.0*	
2.08	2.73	8.15	1.65	9.80			6.34		31.4	94817
1.92	2.94	7.90	3.95	11.85			6.01		32.4	95136
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	National Chemical Co.,	**Louisville, Ky.—Con.**
94186	Big Pay Special Tobacco and Potato Grower 3-8-6	Manufacturer Guaranteed
94187	Big Pay Extra Special Tobacco Grower 3-8-10	Manufacturer Guaranteed
95137	Big Pay 3-10-3 Fertilizer	Woodson Lewis, Greensburg Guaranteed
94189	Big Pay Front Rank Fertilizer 3-12-4	Manufacturer Guaranteed
94190	Big Pay Tobacco Bed Special 4-10-0	Manufacturer Guaranteed
94191	Big Pay Champion Potato and Tobacco Fertilizer 4-10-4	Manufacturer Guaranteed
94192	Big Pay 4-16-4 Fertilizer	Manufacturer Guaranteed
94193	Big Pay Blue Grass High Grade Tobacco Fertilizer 6-8-3	Manufacturer Guaranteed
94194	Big Pay Potash Mixture 0-10-4	Manufacturer Guaranteed
95138	Big Pay 16% Superphosphate	Farmers Supply Co., Richmond
95139		E. A. Cohen, Greenville
95140		E. S. Ferrill and Sons, Buffalo
95141		Woodson Lewis, Greensburg
95367		Farmers Supply Co., Danville Guaranteed
95142	Big Pay 20% Superphosphate	Woodson Lewis, Greensburg
95368		Farmers Supply Co., Danville Guaranteed
95143	Big Pay Raw Bone 3.29—20	S. A. Browning, Vanceburg Guaranteed
94335	Big Pay Nitrate of Soda	Manufacturer Guaranteed
94336	Big Pay Sulphate of Ammonia	Manufacturer Guaranteed
94553	Big Pay Vegetable and Tobacco Grower (Muriate)	Manufacturer Guaranteed
95144	Big Pay Blue Grass Hi-Grade Tobacco Fertilizer (Sulphate)	S. A. Browning, Vanceburg Guaranteed
94555	Big Pay Plant Bed Special	Manufacturer Guaranteed
	New Louisville Rendering Co., Inc.,	**Louisville, Ky.**
94655	Pure Bone Meal	Manufacturer Guaranteed
94656	Pure Animal Matter, Meat, Bones and Blood	Manufacturer Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
3.03	3.82	10.90	3.95	14.85			1.00	6.16	43.7	94186
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
2.92	3.47	10.90	2.40	13.30			1.36	9.50	47.1	94187
	3.00	*8.00*	*2.00*	*10.00*				*10.00*	*39.8*	
1.98	2.85	9.45	3.40	12.85			3.88		31.6	95137
	3.00	*10.00*	*2.00*	*12.00*			*3.00*		*31.4*	
3.98	3.98	14.10	0.20	14.30			5.56		43.8	94189
	3.00	*12.00*	*2.00*	*14.00*			*4.00*		*35.6*	
4.97	4.97	13.30	3.00	16.30					41.0	94190
	4.00	*10.00*	*2.00*	*12.00*					*31.8*	
4.74	4.74	13.40	0.50	13.90			5.85		46.2	94191
	4.00	*10.00*	*2.00*	*12.00*			*4.00*		*36.6*	
4.76	4.76	18.30	0.80	19.10			5.68		53.6	94192
	4.00	*16.00*	*2.00*	*18.00*			*4.00*		*45.6*	
7.35	7.35	10.05	0.65	10.70			6.48		52.5	94193
	6.00	*8.00*	*2.00*	*10.00*			*3.00*		*40.4*	
		12.55	7.80	20.35			5.86		25.9	94194
		10.00					*4.00*		*19.8*	
		16.15	2.45	18.60					19.4	95138
		16.75	2.95	19.70					20.1	95139
		16.35	2.95	19.30					19.6	95140
		16.30	2.65	18.95					19.6	95141
		16.25	0.55	16.80					19.5	95367
		16.00							*19.2*	
		21.00	1.20	22.20					25.2	95142
		20.45	0.25	20.70					24.5	95368
		20.00							*24.0*	
	3.43			19.70	78	22			33.4	95143
	3.29			*20.00*					*33.2*	
	16.12								64.5	94335
	15.00								*60.0*	
	20.88								83.5	94336
	20.00								*80.9*	
3.17	3.17	10.10	1.75	11.85			16.18		48.0	94553
	2.00	*8.00*	*2.00*	*10.00*			*10.00*		*32.8*	
5.51	6.22	7.40	1.35	8.75			2.04	1.28	40.9	95144
	6.00	*8.00*	*2.00*	*10.00*				*3.00*	*41.3*	
4.97	4.97	13.30	3.00	16.30					41.0	94555
	4.00	*10.00*	*2.00*	*12.00*					*31.8*	
	4.01			23.10	41	59			39.1	94655
	3.50			*22.00*					*36.0*	
	5.73			11.25	72	28			34.2	94656
	4.00			*10.00*					*26.0*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Nitrate Agencies Co.,	**New Orleans, La.**
93949	Chilean Nitrate of Soda	*
		Guaranteed
93950	Chilean Nitrate of Soda-Potash	Manufacturer
		Guaranteed
	North American Fertilizer Co.,	**Inc., Louisville, Ky.**
94137	North American Corn and Wheat Special	Manufacturer
		Guaranteed
94818	North American Wheat and Corn Grower	Aaron L. Moore, Leitchfield
95145		Farm Bureau Supply Co., Elizabethtown
95146		Grigsby and Co., Bardstown
95147		Henry Durham, Greensburg
95369		Aaron L. Moore, Leitchfield
95370		Farm Bureau Supply Co., Elizabethtown
		Guaranteed
94819	North American Crady's Formula	Aaron L. Moore, Leitchfield
		Guaranteed
94820	†North American Crop and Tobacco Fertilizer	Aaron L. Moore, Leitchfield
95148		I. K. Miller and Son, Campbellsville
95463		E. O. Lyon, Garfield
		Guaranteed
94141	North American Potash Ten	Manufacturer
		Guaranteed
94142	North American Tobacco Grower	Manufacturer
		Guaranteed
94821	North American Beef, Blood and Bone Fertilizer	H. A. Spradlin, Monticello
95150		Farm Bureau Supply Co., Elizabethtown
95151		A. N. Skillman and Sons, Hardinsburg
95372		Aaron L. Moore, Leitchfield
		Guaranteed
94822	†North American Ky. Special Tobacco Grower	Aaron L. Moore, Leitchfield
94823		Dudley Harris, Elkton
		Guaranteed
94145	North American Standard Tobacco Grower	Manufacturer
		Guaranteed
94146	North American Best Tobacco Grower	Manufacturer
		Guaranteed
94147	North American Vegetable and Tobacco Grower	Manufacturer
		Guaranteed
94148	North American High Grade Fertilizer	Manufacturer
		Guaranteed

*The manufacturer failed to furnish sample as required by law.

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
	15.25									93949
	14.80								*61.0*	
	14.50							14.86	81.5	93950
								12.00	*76.0*	
1.78	1.78	12.80	6.90	19.70			2.91		32.6	94137
	1.00	*10.00*	*2.00*	*12.00*			*1.00*		*21.0*	
0.64	0.95	10.10	1.55	11.65			2.04		22.0	94818
0.80	1.39	9.40	3.40	12.80			2.36		23.9	95145
0.81	1.14	9.60	1.45	11.05			2.08		22.0	95146
0.50	0.96	9.60	3.60	13.20			1.76	1.08	23.4	95147
0.76	1.28	9.25	1.10	10.35			2.25		22.1	95369
0.86	1.41	10.70	0.75	11.45			2.31		24.8	95370
	1.00	*10.00*	*2.00*	*12.00*			*2.00*		*22.2*	
0.77	1.13	11.40	1.55	12.95			3.32		26.2	94819
	1.00	*11.00*	*2.00*	*13.00*			*3.00*		*24.9*	
0.67	0.92	8.65	1.25	9.90			5.66		24.0	94820
0.83	1.16	7.90	1.30	9.20			4.06		21.9	95148
0.59	1.18	8.15	1.00	9.15			3.76		21.9	95463
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
1.92	1.92	10.70	4.40	15.10			13.48		41.7	94141
	1.00	*8.00*	*2.00*	*10 00*			*10.00*		*28.8*	
2.43	2.43	10.40	9.00	19.40			3.69		33.4	94142
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
1.66	2.24	8.40	0.80	9.20			2.04		24.3	94821
1.07	1.90	8.00	3.80	11.80			1.96		23.5	95150
1.26	1.93	8.55	2.00	10.55			2.23		24.0	95151
1.27	2.00	7.90	1.05	8.95			1.90		22.6	95372
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
1.94	2.15	7.95	2.30	10.25			4.97		27.4	94822
1.66	2.00	8.35	4.25	12.60			5.15		28.4	94823
	2.00	*8.00*	*2.00*	*10.00*			*5.00*		*26.8*	
2.93	2.93	10.20	5.35	15.55			10.61		41.9	94145
	2.00	*8.00*	*2.00*	*10.00*			*6.00*		*28.0*	
2.75	3.49	10.05	2.60	12.65			1.48	8.09	41.6	94146
	2.00	*8.00*	*2.00*	*10.00*				*6.00*	*29.8*	
2.95	3.43	10.05	5.10	15.15			1.16	8.66	45.2	94147
	2.00	*8.00*	*2.00*	*10.00*				*10.00*	*35.8*	
2.49	2.49	12.45	4.95	17.80			3.82		35.8	94148
	2.00	*10.00*	*2.00*	*12.00*			*2.00*		*26.2*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	North American Fertilizer Co., Inc., Louisville, Ky.—Con.	
95152	North American Black Bone Tobacco Grower	Farm Bureau Supply Co., Elizabethtown
95153		I. K. Miller and Son, Campbellsville
95373		Aaron L. Moore, Leitchfield
		Guaranteed
94825	†North American Champion	J. E. Shadoan, Frazer
94826		Aaron L. Moore, Leitchfield
95375		Aaron L. Moore, Leitchfield
		Guaranteed
94151	North American Tomato and Tobacco Fertilizer	Manufacturer
		Guaranteed
95154	†North American Special Tobacco and Potato Fertilizer	J. D. Ashcraft, Irvington
95155		S. E. Ray, Vine Grove
		Guaranteed
94156	North American Extra Special Tobacco Grower	Manufacturer
		Guaranteed
94157	North American 3-10-3 Fertilizer	Manufacturer
		Guaranteed
94158	North American Front Rank Fertilizer	Manufacturer
		Guaranteed
94159	North American Tobacco Bed Special	Manufacturer
		Guaranteed
94160	North American Champion Potato and Tobacco Fertilizer	Manufacturer
		Guaranteed
94161	North American 4-16-4 Fertilizer	Manufacturer
		Guaranteed
94828	†North American Blue Grass High Grade Tobacco Fertilizer	A. T. Sanders, Lancaster
95157		Yopp Seed Co., Paducah
		Guaranteed
94163	North American Potash Mixture	Manufacturer
		Guaranteed
94829	North American 16% Superphosphate	Craig and Lynn, Glasgow
94830		A. T. Sanders, Lancaster
94882		R. E. Witt, Irvine
95158		Henry Durham, Greensburg
95376		Aaron L. Moore, Leitchfield
95377		Grigsby and Co., Bardstown
95378		Geo. Richardson, Somerset
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
1.38	1.86	11.15	0.95	12.10			2.02		27.0	95152
1.66	2.21	10.10	1.05	11.15			3.48		28.6	95153
1.14	2.14	12.50	1.90	14.40			1.98		30.8	95373
	2.00	*10.00*	*2.00*	*12.00*			*2.00*		*26.2*	
1.63	1.90	12.30	1.95	14.25			1.99		29.2	94825
1.86	2.19	12.25	1.20	13.45			2.79		31.0	94826
1.22	2.22	11.75	3.30	15.05			1.66		29.8	95375
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
2.95	2.95	14.00	0.30	14.30			8.17		42.7	94151
	2.00	*12.00*	*2.00*	*14.00*			*6.00*		*34.0*	
2.52	3.16	9.00	1.10	10.10			6.93		34.9	95154
2.42	2.95	7.75	1.35	9.10			5.57		30.7	95155
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	
2.92	3.47	10.90	2.40	13.30			1.36	9.50	47.1	94156
	3.00	*8.00*	*2.00*	*10.00*				*10.00*	*39.8*	
3.86	3.86	11.95	3.40	15.35			6.30		42.3	94157
	3.00	*10.00*	*2.00*	*12.00*			*3.00*		*31.4*	
3.98	3.98	14.10	0.20	14.30			5.56		43.8	94158
	3.00	*12.00*	*2.00*	*14.00*			*4.00*		*35.6*	
4.97	4.97	13.30	3.00	16.30					41.0	94159
	4.00	*10.00*	*2.00*	*12.00*					*31.8*	
4.74	4.74	13.40	0.50	13.90			5.85		46.2	94160
	4.00	*10.00*	*2.00*	*12.00*			*4.00*		*36.6*	
4.76	4.76	18.30	0.80	19.10			5.68		53.6	94161
	4.00	*16.00*	*2.00*	*18.00*			*4.00*		*45.6*	
5.03	5.78	8.85	1.20	10.05			1.80	1.37	41.1	94828
4.41	5.36	8.50	3.15	11.65			3.36		39.5	95157
	6.00	*8.00*	*2.00*	*10.00*			*3.00*		*40.4*	
		12.55	7.80	20.35			5.86		25.9	94163
		10.00					*4.00*		*19.8*	
		16.50	3.40	19.90					19.8	94829
		17.15	1.25	18.40					20.6	94830
		17.25	2.20	19.45					20.7	94882
		15.75	2.75	18.50					18.9	95158
		17.55	1.25	18.80					20.9	95376
		16.25	1.35	17.60					19.5	95377
		16.00	0.60	16.60					19.2	95378
		16.00							*19.2*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	North American Fertilizer Co., Inc., Louisville, Ky.—Con.	
94831	North American 20% Superphosphate	Hudson and Farnau, Lancaster
94832		Craig and Lynn, Glasgow
95379		Geo. Richardson, Somerset
95380		Farm Bureau Supply Co., Elizabethtown
		Guaranteed
95381	North American Steamed Bone	Farm Bureau Supply Co., Elizabethtown
		Guaranteed
94167	North American Raw Bone	Manufacturer
		Guaranteed
94333	North American Nitrate of Soda	Manufacturer
		Guaranteed
94334	North American Sulphate of Ammonia	Manufacturer
		Guaranteed
94550	North American Vegetable and Tobacco Grower (Muriate)	Manufacturer
		Guaranteed
94677	North American Blue Grass High Grade Tobacco Fertilizer (Sulfate)	J. W. Bell, Paris
		Guaranteed
94552	North American Plant Bed Special	Manufacturer
		Guaranteed
94678	North American Champion Potato and Tobacco Grower (Sulfate) 4-10-4	Manufacturer
		Guaranteed
94679	North American 4-8-4 Fertilizer	Manufacturer
		Guaranteed
	Price Chemical Co., Inc.,	**Louisville, Ky.**
94834	Harvest King	Aaron L. Moore, Leitchfield
95382		W. L. Anderson and Son, Caneyville
		Guaranteed
94835	†Blue Grass Tobacco Fertilizer	J. H. Jasper, W. Somerset
95160		E. T. Ford, Cave City
95383		I. K. Miller and Son, Campbellsville
		Guaranteed
95161	Special Corn and Wheat Fertilizer	B. D. Jordan and Son, Flemingsburg
95384		Skidmore Hardware Co., Elizabethtown
		Guaranteed
94203	Bone Phosphate and Tankage	Manufacturer
		Guaranteed
94204	Economy Grain	Manufacturer
		Guaranteed
94205	Universal Crop Fertilizer	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
		20.75	1.10	21.85					24.9	94831
		20.55	2.25	22.80					24.7	94832
		20.35	0.30	20.65					24.4	95379
		20.35	0.30	20.65					24.4	95380
		20.00							*24.0*	
	2.06			28.75	81	19			37.0	95381
	1.00			*30.00*					*34.0*	
	4.19			19.30	23	77			36.1	94167
	3.29			*20.00*					*33.2*	
	16.12								64.5	94333
	15.00								*60.0*	
	20.88								83.5	94334
	20.00								*80.0*	
3.17	3.17	10.10	1.75	11.85			16.18		48.0	94550
	2.00	*8.00*	*2.00*	*10.00*			*10.00*		*32.8*	
5.30	5.92	8.70	1.05	9.75			2.08	1.33	41.2	94677
	6.00	*8.00*	*2.00*	*10.00*				*3.00*	*41.3*	
4.97	4.97	13.30	3.00	16.30					41.0	94552
	4.00	*10.00*	*2.00*	*12.00*					*31.8*	
4.59	4.59	12.35	1.60	13.95			0.56	3.98	44.2	94678
	4.00	*10.00*	*2.00*	*12.00*				*4.00*	*37.8*	
5.40	5.40	10.50	3.30	13.80			0.68	4.75	46.6	94679
	4.00	*8.00*	*2.00*	*10.00*				*4.00*	*34.8*	
0.68	1.21	8.35	0.30	8.65			4.35		22.7	94834
0.91	1.32	9.65	0.35	10.00			3.55		24.2	95382
	1.00	*8.00*	*2.00*	*10.00*			*3.00*		*20.4*	
0.43	0.99	7.80	0.50	8.30			4.43		21.3	94835
0.75	1.15	8.75	8.95	17.70			4.21		26.4	95160
0.96	1.35	10.05	0.50	10.55			4.08		25.6	95383
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
0.75	1.16	10.50	0.20	10.70			0.99		21.7	95161
0.82	1.26	11.50	0.55	12.05			1.42		24.2	95384
	1.00	*10.00*	*2.00*	*12.00*			*1.00*		*21.0*	
1.67	1.67	12.05	2.25	14.30			1.96		28.0	94203
	1.00	*10.00*	*2.00*	*12.00*			*2.00*		*22.2*	
1.74	1.74	12.95	2.25	15.20			3.04		30.9	94204
	1.00	*11.00*	*2.00*	*13.00*			*3.00*		*24.9*	
1.70	1.70	14.00	2.25	16.25			1.46		30.5	94205
	1.00	*12.00*	*2.00*	*14.00*			*1.00*		*24.0*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Price Chemical Co., Inc.,	**Louisville, Ky.—Con.**
95162	Beef, Blood and Bone	W. L. Anderson and Son, Caneyville
95163		Ellis Baize, Hartford
		Guaranteed
95164	Old Time Tobacco Fertilizer	Flaherty Hardware Co., Vine Grove
		Guaranteed
94209	Vegetable Grower	Manufacturer
		Guaranteed
95385	Kentucky Special	I. K. Miller and Son, Campbellsville
95386		C. C. Crabbe and Co., Eminence
		Guaranteed
94211	Tomato Special	Manufacturer
		Guaranteed
95387	A-1 Grain Grower	C. C. Crabbe and Co., Eminence
		Guaranteed
94837	3-8-6 Tobacco Fertilizer	C. W. Crews, Hustonville
94895		S. B. Fox, Mt. Washington
95166		Stewart and Co., Munfordville
		Guaranteed
95168	3-8-6 Potato Grower	Ellis Baize, Hartford
		Guaranteed
94217	Plant Bed Manure	Manufacturer
		Guaranteed
95169	Potato Special	C. C. Crabbe and Co., Eminence
		Guaranteed
94219	Four-Sixteen-Four Fertilizer	Manufacturer
		Guaranteed
94220	Excelsior Potato Mixture	Manufacturer
		Guaranteed
95170	Potash Tobacco Fertilizer	E. T. Ford, Cave City
		Guaranteed
95388	†Ten and Ten Percent Potash Fertilizer	W. H. Milleton, Hodgenville
		Guaranteed
94838	Phosphate and Tobacco (with 200 lbs. Gr. Tob. Stems)	J. H. Jasper, W. Somerset
95172		I. K. Miller and Son, Campbellsville
95173		Hodges and Co., Hiseville
		Guaranteed
94839	16% Superphosphate	J. C. Braden, Pine Knot
95174		C. C. Crabbe and Co., Eminence
95175		Ellis Baize, Hartford
95389		W. L. Anderson and Son, Caneyville
95390		Skidmore Hardware Co., Elizabethtown
		Guaranteed
95177	†20% Superphosphate	Flaherty Hardware Co., Vine Grove
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
1.73	2.08	8.30	0.20	8.50			2.79		24.2	95162
1.72	1.93	8.85	0.15	9.00			2.04		23.5	95163
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
1.70	2.07	7.85	0.15	8.00				2.22	23.5	95164
	2.00	*8.00*	*2.00*	*10.00*				*2.00*	*23.8*	
2.67	2.67	11.75	2.15	13.90			4.16		34.2	94209
	2.00	*10.00*	*2.00*	*12.00*			*4.00*		*28.6*	
2.12	2.32	12.95	0.45	13.40			2.22		31.6	95385
1.70	2.17	13.55	0.50	14.05			2.23		33.7	95386
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
2.65	2.65	13.50	2.20	15.70			5.85		38.8	94211
	2.00	*12.00*	*2.00*	*14.00*			*6.00*		*34.0*	
1.68	2.08	13.70	0.35	14.05			5.71		35.9	95387
	2.00	*12.00*	*2.00*	*14.00*			*6.00*		*34.0*	
2.09	3.03	8.65	0.30	8.95			5.86		32.3	94837
2.60	3.21	7.55	0.50	8.05			5.76		31.3	94895
2.76	3.30	8.25	0.35	8.60			6.19		33.2	95166
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	
2.56	2.92	8.45	0.35	8.80			1.12	4.68	32.9	95168
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
4.21	4.88	11.80	2.25	14.05					38.1	94217
	4.00	*10.00*	*2.00*	*12.00*					*31.8*	
3.50	4.14	10.50	0.60	11.10			0.88	3.04	38.2	95169
	4.00	*10.00*	*2.00*	*12.00*				*4.00*	*37.8*	
4.87	4.87	16.00	2.90	18.90			4.34		49.9	94219
	4.00	*16.00*	*2.00*	*18.00*			*4.00*		*45.6*	
5.78	5.78	10.55	2.55	13.10			0.84	6.15	50.2	94220
	5.00	*10.00*	*2.00*	*12.00*				*5.00*	*43.3*	
		10.80	8.70	19.50			4.52		21.6	95170
		10.00					*5.00*		*21.0*	
		10.65	0.50	11.15			9.54		27.4	95388
		10.00					*10.00*		*27.0*	
		14.80	0.35	15.15					17.8	94838
		14.90	0.20	15.10					17.9	95172
		14.15	0.10	14.25					17.0	95173
		14.00							*16.8*	
		16.20	0.40	16.60					19.4	94839
		15.65	0.10	15.75					18.8	95174
		15.40	0.50	15.90					18.5	95175
		16.40	0.30	16.70					19.7	95389
		16.65	0.45	17.10					20.0	95390
		16.00							*19.2*	
		19.70	0.30	20.00					23.6	95177
		20.00							*24.0*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Price Chemical Co., Inc.,	**Louisville, Ky.—Con.**
95391	Steamed Bone Meal 1.65—27	Mayhew Feed Co., Franklin
		Guaranteed
94228	Steamed Bone Meal 2.47—24	Manufacturer
		Guaranteed
94577	18% Superphosphate	Manufacturer
		Guaranteed
94610	Five-Ten-Five Fertilizer	Manufacturer
		Guaranteed
94611	Four-Ten-Four Fertilizer	Manufacturer
		Guaranteed
	Rasin-Monumental Co., (Sub. Va.-	**Car. Chem. Corp.), Cincinnati, O.**
94493	Rasin's Phospho Tobacco 16%	Manufacturer
		Guaranteed
94494	Rasin's Phospho Tobacco 24%	Manufacturer
		Guaranteed
94495	Rasin's Potash Phospho Tobacco 0-14-4	Manufacturer
		Guaranteed
94496	Rasin's Ammoniated Phospho Tobacco 2-12-2	Manufacturer
		Guaranteed
94841	Rasin's Superphosphate 16%	Barren County Grocery and Hardware Co., Glasgow
95392		Barren County Grocery and Hardware Co., Glasgow
		Guaranteed
94498	Rasin's Superphosphate 20%	Manufacturer
		Guaranteed
94499	Rasin's Superphosphate 24%	Manufacturer
		Guaranteed
94500	Rasin's 0-10-4 Phosphate and Potash	Manufacturer
		Guaranteed
94501	Rasin's Big Giant Phosphate	Manufacturer
		Guaranteed
94502	Rasin's Reliable Wheat and Corn Fertilizer	Manufacturer
		Guaranteed
94503	Rasin's General Favorite	Manufacturer
		Guaranteed
95179	Rasin's Sweepstakes Fertilizer	**M. G. Parman, London**
		Guaranteed
94505	Rasin's Potato and Truck	Manufacturer
		Guaranteed
94506	Rasin's 2-8-4 Tobacco Grower (Potash from Sulfate)	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
	1.75			27.40	89	11			34.4	95391
	1.65			*27.00*					*33.6*	
	3.24			25.45	75	25			38.4	94228
	2.47			*24.00*					*33.9*	
		18.35	0.30	18.65					22.0	94577
		18.00							*21.6*	
5.78	5.78	10.55	2.55	13.10			0.84	6.15	50.2	94610
	5.00	*10.00*	*2.00*	*12.00*			*5.00*		*41.8*	
5.00	5.00	11.25	2.20	13.45			0.84	4.70	45.8	94611
	4.00	*10.00*	*2.00*	*12.00*			*4.00*		*36.6*	
		17.00	2.00	19.00					20.4	94493
		16.00							*19.2*	
		24.35	1.90	26.25					29.2	94494
		24.00							*28.8*	
		15.80	1.10	16.90			4.48		29.1	94495
		14.00					*4.00*		*25.8*	
1.76	2.22	12.40	3.10	15.50			2.30		31.5	94496
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
		17.60	3.10	20.70					21.1	94841
		17.75	3.55	21.30					21.3	95392
		16.00							*19.2*	
		21.20	2.70	23.90					25.4	94498
		20.00							*24.0*	
		25.60	1.90	27.50					30.7	94499
		24.00							*28.8*	
		10.80	9.10	19.90			4.07		21.1	94500
		10.00					*4.00*		*19.8*	
0.85	1.06	7.80	10.15	17.95			2.97		23.6	94501
	1.00	*8.00*	*2.00*	*10.00*			*3.00*		*20.4*	
0.94	1.14	9.85	9.20	19.05			1.07		24.3	94502
	1.00	*10.00*	*2.00*	*12.00*			*1.00*		*21.0*	
1.84	2.11	8.55	7.75	16.30			2.03		26.8	94503
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
1.71	2.06	12.45	4.95	17.40			2.26		31.6	95179
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
2.66	2.88	12.70	1.60	14.30			3.60	0.76	36.7	94505
	3.00	*12.00*	*2.00*	*14.00*			*4.00*		*35.6*	
2.20	2.20	9.50	7.40	16.90			0.72	3.85	32.7	94506
	2.00	*8.00*	*2.00*	*10.00*				*4.00*	*26.8*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Rasin-Monumental Co., (Sub. Va.-Car. Chem. Corp.), Cincinnati, O.—Con.	
94507	Rasin's Burley Tobacco Grower (Potash from Sulfate)	Manufacturer
		Guaranteed
	Read Phosphate Co.,	**Nashville, Tenn.**
94842	Red Diamond Special 2-16-2	J. H. Jasper, W. Somerset
95393		J. H. Jasper, W. Somerset
		Guaranteed
93952	Red Diamond Special 4-16-4	Manufacturer
		Guaranteed
94843	Red Diamond Special 3-10-3	J. H. Jasper, W. Somerset
		Guaranteed
94844	Red Diamond Special 1-10-1	Hollingsworth-Young Hardware Co., Bowling Green
94845		J. H. Jasper, W. Somerset
95181		B. D. Jordan and Son, Flemingsburg
95394		J. H. Jasper, W. Somerset
		Guaranteed
95395	†Red Diamond Special 2-8-8	J. H. Jasper, W. Somerset
		Guaranteed
94847	Red Diamond Premium Grain Grower 2-12-2	J. H. Jasper, W. Somerset
95396		J. H. Jasper, W. Somerset
		Guaranteed
95397	Red Diamond Blood and Bone No. 1, 2-10-2	J. H. Jasper, W. Somerset
		Guaranteed
94848	Red Diamond Farmers Special Manure 1-10-3	J. S. Hamblin and Son, Auburn
94849		J. H. Jasper, W. Somerset
95398		J. H. Jasper, W. Somerset
		Guaranteed
94850	Red Diamond Special 2-8-5	Hollingsworth-Young Hardware Co., Bowling Green
95182		B. D. Jordan and Son, Flemingsburg
95183		Finley Hardware Co., Madisonville
		Guaranteed
95184	Red Diamond Tobacco Special 3-10-3	I. K. Miller and Son, Campbellsville
95185		Marion Milling Co., Marion
95186		S. A. Browning, Vanceburg
		Guaranteed
95187	Old Kentucky Tobacco Grower 3-8-6	S. A. Browning, Vanceburg
		Guaranteed
95188	†Red Diamond Truck and Tobacco Special 2-8-8	Guenther Hardware Co., Owensboro
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
2.84	3.04	9.10	4.50	13.60			0.80	5.80	37.3	94507
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
2.26	2.84	16.35	2.15	18.50			3.62		41.1	94842
1.65	1.99	16.65	3.10	19.75			2.27		36.9	95393
	2.00	*16.00*	*2.00*	*18.00*			*2.00*		*35.2*	
3.97	3.97	18.40	1.10	19.50			4.44		49.3	93952
	4.00	*16.00*	*2.00*	*18.00*			*4.00*		*45.6*	
2.68	2.91	10.90	6.75	17.65			3.00		34.3	94843
	3.00	*10.00*	*3.00*	*13.00*			*3.00*		*31.8*	
2.23	2.60	10.40	5.70	16.10			3.76		32.8	94844
1.31	1.59	10.75	9.55	20.30			2.50		29.3	94845
1.00	1.23	10.95	10.05	21.00			1.30		26.9	95181
0.86	0.86	11.05	11.30	22.35			1.03		25.8	95394
	1.00	*10.00*	*5.00*	*15.00*			*1.00*		*22.2*	
1.72	1.72	8.45	6.00	14.45			10.07		34.0	95395
	2.00	*8.00*	*4.00*	*12.00*			*8.00*		*31.2*	
1.50	1.97	12.80	5.00	17.80			2.44		32.0	94847
1.56	1.98	11.95	4.80	16.75			2.30		30.5	95396
	2.00	*12 00*	*3.00*	*15.00*			*2.00*		*29.6*	
2.13	2.13	10.70	7.35	18.05			4.57		33.0	95397
	2.00	*10.00*	*4.00*	*14.00*			*2.00*		*27.0*	
1.29	1.29	11.80	7.75	19.55			3.35		30.0	94848
1.48	1.48	10.25	9.55	19.80			4.00		29.9	94849
0.95	0.95	10.00	10.35	20.35			3.16		26.7	95398
	1.00	*10.00*	*4.00*	*14.00*			*3.00*		*24.2*	
1.49	1.91	8.40	9.60	18.00			5.34		30.5	94850
1.87	2.28	9.65	7.75	17.40			7.37		35.5	95182
1.69	2.02	8.45	8.90	17.35			5.63		31.1	95183
	2.00	*8.00*	*4.00*	*12.00*			*5.00*		*27.6*	
1.95	3.09	14.80	4.35	19.15				2.68	40.3	95184
2.54	2.78	10.15	8.20	18.35			3.53		33.9	95185
2.12	2.60	10.45	6.45	16.90			3.76		33.2	95186
	3.00	*10.00*	*3.00*	*13.00*				*3.00*	*32.7*	
2.22	2.95	8.75	6.30	15.05			6.21		34.9	95187
	3.00	*8.00*	*4.00*	*12.00*				*6.00*	*34.6*	
1.61	2.11	9.00	7.80	16.80			2.32	5.09	35.5	95188
	2.00	*8.00*	*4.00*	*12.00*				*8.00*	*33.6*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Read Phosphate Co.,	**Nashville, Tenn.—Con.**
93965	Red Diamond High Grade Potash Mixture	Manufacturer
		Guaranteed
94851	Red Diamond 16% Superphosphate	J. H. Jasper, W. Somerset
94852		Mayhew Feed Co., Franklin
95191		W. T. Nunn, Horse Cave
		Guaranteed
93967	Red Diamond 18% Superphosphate	Manufacturer
		Guaranteed
94853	Red Diamond 20% Superphosphate	J. H. Jasper, W. Somerset
94854		J. S. Hamblin and Son, Auburn
		Guaranteed
93969	Raw Bone Meal and Superphosphate	Manufacturer
		Guaranteed
	The Smith Agricultural Chemical	**Co., Columbus, O.**
94051	Smith Sacco Plant Food 4-12-4	Manufacturer
		Guaranteed
94547	Sacco 16% Superphosphate	Manufacturer
		Guaranteed
94548	Sacco 20% Superphosphate	Manufacturer
		Guaranteed
94549	Sacco Tobacco Grower	Manufacturer
		Guaranteed
94622	Smith Sacco 2-12-2	Manufacturer
		Guaranteed
94623	Smith Sacco 2-14-4	Manufacturer
		Guaranteed
94624	Smith Sacco 2-12-6	Manufacturer
		Guaranteed
94626	Smith Sacco 2-8-10	Manufacturer
		Guaranteed
94627	Smith Sacco 4-24-4	Manufacturer
		Guaranteed
94628	Smith Sacco 4-12-4	Manufacturer
		Guaranteed
94629	Smith Sacco 4-8-6	Manufacturer
		Guaranteed
94631	Smith Sacco 0-10-10	Manufacturer
		Guaranteed
94632	Smith Sacco 0-14-6	Manufacturer
		Guaranteed
94633	Smith Sacco 0-12-12	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
		14.15	5.55	19.70			4.76		26.9	93965
		10.00					*4.00*		*19.8*	
		17.55	2.90	20.45					21.1	94851
		16.95	2.85	19.80					20.3	94852
		17.30	3.05	20.35					20.8	95191
		16.00							*19.2*	
		20.65	0.35	21.00					24.8	93967
		18.00							*21.6*	
		21.95	1.85	23.80					26.3	94853
		21.00	2.15	23.15					25.2	94854
		20.00							*24.0*	
	1.14	13.90	8.60	22.50					28.9	93969
	1.00	*14.00*	*6.00*	*20.00*					*27.4*	
3.89	4.16	11.90	0.80	12.70			4.51		40.2	94051
	4.00	*12.00*					*4.00*		*38.8*	
		15.90	0.90	16.80					19.1	94547
		16.00							*19.2*	
		19.50	1.30	20.80					23.4	94548
		20.00							*24.0*	
0.70	0.98	7.35	0.75	8.10			4.10		20.2	94549
	1.00	*8.00*					*4.00*		*20.8*	
1.52	1.92	12.05	1.25	13.30			2.14		28.8	94622
	2.00	*12.00*	*0.50*	*12.50*			*2.00*		*28.6*	
1.74	2.00	14.20	1.30	15.50			4.27		34.9	94623
	2.00	*14.00*	*0.60*	*14.60*			*4.00*		*34.0*	
1.62	2.00	12.20	1.10	13.30			5.96		33.9	94624
	2.00	*12.00*	*0.50*	*12.50*			*6.00*		*33.4*	
1.55	1.83	7.80	0.50	8.30			10.83		32.2	94626
	2.00	*8.00*	*0.20*	*8.20*			*10.00*		*32.1*	
3.64	4.11	23.00	1.40	24.40			4.04		26.4	94627
	4.00	*24.00*	*1.00*	*25.00*			*4.00*		*57.2*	
3.81	4.14	12.15	0.85	13.00			4.52		40.6	94628
	4.00	*12.00*	*0.50*	*12.50*			*4.00*		*39.0*	
3.64	3.94	8.60	0.75	9.35			5.96		36.1	94629
	4.00	*8.00*	*0.20*	*8.20*			*6.00*		*35.3*	
		10.00	1.00	11.00			10.82		28.0	94631
		10.00					*10.00*		*27.0*	
		14.20	0.90	15.10			6.03		28.5	94632
		14.00					*6.00*		*28.2*	
		12.10	0.90	13.00			11.47		31.9	94633
		12.00					*12.00*		*32.4*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Southern Fertilizer Co.,	**Louisville, Ky.**
94584	Elk General Crop Grower	Manufacturer
		Guaranteed
94585	Elk Standard Guano	Manufacturer
		Guaranteed
95193	Elk Special Tobacco Grower	Conrad, Payne and Co., Cloverport
		Guaranteed
95194	Elk Tobacco Grower	Conrad, Payne and Co., Cloverport
		Guaranteed
94588	Elk 2-12-6 Fertilizer	Manufacturer
		Guaranteed
94589	Elk 4-8-3 Fertilizer	Manufacturer
		Guaranteed
95195	Atlas Superphosphate	Conrad, Payne and Co., Cloverport
		Guaranteed
94591	Elk Superior Superphosphate	Manufacturer
		Guaranteed
94592	Elk Bone Meal	Manufacturer
		Guaranteed
94593	Elk Raw Bone	Manufacturer
		Guaranteed
	Swift and Company, Inc.,	**St. Louis, Mo.**
94857	†Swift's Red Steer 4-16-4	G. M. Hedrick, Monticello
95399		J. H. Baughman and Co., Stanford
		Guaranteed
94053	Swift's Red Steer 2-12-6	Manufacturer
		Guaranteed
94054	Swift's Red Steer 3-12-4	Manufacturer
		Guaranteed
95197	Swift's Red Steer 3-8-6	W. C. Bonta, Pleasureville
		Guaranteed
94858	Swift's Red Steer 2-12-2	G. M. Hedrick, Monticello
95198		John B. Marriott, Cecilia
95199		Byrley Supply Co., Pineville
		Guaranteed
94859	Swift's Red Steer 2-16-2	G. M. Hedrick, Monticello
		Guaranteed
94860	†Swift's Red Steer 3-8-6 Tobacco Grower	G. M. Hedrick, Monticello
95201		John B. Marriott, Cecilia
95202		Lewisport Mill Co., Lewisport
		Guaranteed
94059	Swift's Red Steer 0-14-6	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
2.17	2.17	12.70	0.50	13.20			2.39		30.7	94584
	2.00	*12.00*					*2.00*		*28.4*	
1.97	1.97	15.95	0.80	16.75			8.42		42.2	94585
	2.00	*16.00*					*8.00*		*41.6*	
1.79	2.29	8.10	0.50	8.60			0.68	3.09	27.0	95193
	2.00	*8.00*						*4.00*	*26.0*	
2.15	2.99	8.05	0.50	8.55			0.60	5.05	32.5	95194
	3.00	*8.00*						*6.00*	*33.0*	
2.10	2.10	12.40	0.45	12.85			6.40		34.9	94588
	2.00	*12.00*					*6.00*		*33.2*	
3.11	3.75	7.80	0.40	8.20				3.37	31.9	94589
	4.00	*8.00*						*3.00*	*32.5*	
		16.25	1.30	17.55					19.5	95195
		16.00							*19.2*	
		21.60	0.55	22.15					25.9	94591
		20.00							*24.0*	
	2.89			26.25	65	35			37.8	94592
	2.50			*24.00*					*34.0*	
	4.06			23.25	100				39.5	94593
	3.75			*22.00*					*37.0*	
4.19	4.19	16.80	0.95	17.75			4.35		47.6	94857
3.93	4.16	16.15	1.60	17.75			4.38		46.8	95399
	4.00	*16.00*	*0.50*	*16.50*			*4.00*		*45.0*	
1.35	1.67	12.45	0.65	13.10			6.08		32.9	94053
	2.00	*12.00*	*0.50*	*12.50*			*6.00*		*33.4*	
2.48	2.90	12.30	0.20	12.50			4.03		35.0	94054
	3.00	*12.00*	*0.50*	*12.50*			*4.00*		*35.0*	
2.52	2.96	8.75	0.25	9.00			6.19		32.5	95197
	3.00	*8.00*	*0.50*	*8.50*			*6.00*		*31.4*	
1.64	2.07	12.85	0.80	13.65			2.33		30.7	94858
1.51	2.01	12.85	0.30	13.15			1.92		29.7	95198
1.68	2.18	12.65	1.10	13.75			2.19		30.8	95199
	2.00	*12.00*	*0.50*	*12.50*			*2.00*		*28.6*	
2.24	2.24	17.00	1.30	18.30			2.52		38.0	94859
	2.00	*16.00*	*0.50*	*16.50*			*2.00*		*34.6*	
2.44	2.92	8.95	0.30	9.25			0 76	4.87	33.5	94860
2.45	2.90	9.10	0.25	9.35			1.28	4.45	33.6	95201
2.44	2.93	8.75	0.40	9.15			0.72	4.97	33.3	95202
	3.00	*8.00*	*0.50*	*8.50*				*6.00*	*33.2*	
		14.10	0.60	14.70			6.19		28.6	94059
		14.00					*6.00*		28.2	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Swift and Company, Inc.,	**St. Louis, Mo.—Con.**
95203	Swift's Red Steer 20% Superphosphate	Fisher Henry's Coal Yards, Carlisle
95204		John B. Marriott, Cecilia
95400		J. H. Baughman and Co., Stanford
		Guaranteed
95205	Swift's Red Steer 16% Superphosphate	John B. Marriott, Cecilia
95401		F. M. Mitchell, Scottsville
		Guaranteed
94062	Swift's Steamed Bone Fertilizer	Manufacturer
		Guaranteed
94063	Swift's Raw Bone Fertilizer	Manufacturer
		Guaranteed
95206	Swift's Vigoro	Lexington Seed Co., Lexington
		Guaranteed
	Synthetic Nitrogen Products Corp.,	**New York City, N. Y.**
94361	Urea BASF (Floranid)	Manufacturer
		Guaranteed
94362	Calcium Nitrate BASF (Nitrate of Lime)	Manufacturer
		Guaranteed
94363	Nitrophoska I	Manufacturer
		Guaranteed
	Tennessee Chemical Co., (Armour owned)	**Cincinnati, Louisville, Nashville.**
95207	Ox 4-16-4 Guano	J. J. Shaver and Co., Mayfield
		Guaranteed
94322	Ox 2-16-8 Guano	Manufacturer
		Guaranteed
94323	Ox 0-16-8 Guano	Manufacturer
		Guaranteed
95208	Ox 4-12-8 Guano	R. E. Moore, Madisonville
95209		J. J. Shaver, Mayfield
		Guaranteed
94861	Ox 2-12-10 Guano	Young Hardware Co., Hopkinsville
95210		R. E. Moore, Madisonville
		Guaranteed
95402	Ox 2-12-2 Guano	V. B. Nuckols, Elkton
		Guaranteed
94862	Ox 0-12-4 Guano	W. C. Grainger, Franklin
95403		W. C. Grainger, Franklin
95465		S. B. Jones, Pembroke
		Guaranteed
94328	Ox 5-10-10 Guano	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
		20.35	0.55	20.90					24.4	95203
		21.20	0.30	21.50					25.4	95204
		20.90	1.00	21.90					25.1	95400
		20.00							*24.0*	
		17.05	0.30	17.35					20.5	95205
		16.75	0.85	17.60					20.1	95401
		16.00							*19.2*	
	1.39			31.95	94	6			37.5	94062
	1.00			*29.00*					*33.0*	
	4.65			23.50	100				42.1	94063
	3.70			*23.00*					*37.8*	
3.78	4.24	13.20	0.80	14.00			4.52		42.5	95206
	4.00	*12.00*	*0.50*	*12.50*			*4.00*		*39.0*	
	45.55								182.2	94361
	46.00								*184.0*	
	15.04								60.2	94362
	15.00								*60.0*	
15.20	15.20	30.35	0.10	30.45			14.59		123.9	94363
	15.00	*30.00*					*15.00*		*123.0*	
3.97	3.97	15.90	1.40	17.30			4.01		45.1	95207
	4.00	*16.00*	*0.50*	*16.50*			*4.00*		*45.0*	
2.00	2.00	16.20	0.60	16.80			8.69		43.0	94322
	2.00	*16.00*	*0.50*	*16.50*			*8.00*		*41.8*	
		16.80	0.60	17.40			9.29		36.4	94323
		16.00					*8.00*		*33 6*	
4.18	4.18	12.80	0.35	13.15			8.48		46.2	95208
3.89	3.89	11.45	3.45	14.90			8.24		44.0	95209
	4.00	*12.00*	*0.50*	*12.50*			*8.00*		*43.8*	
1.97	2.29	12.45	1.75	14.20			6.40	3.53	41.5	94861
2.19	2.55	11.90	1.80	13.70			10.01		40.8	95210
	2.00	*12.00*	*0.50*	*12.50*			*10.00*		*38.2*	
1.73	1.94	12.05	2.15	14.20			1.97		29.1	95402
	2.00	*12.00*	*0.50*	*12.50*			*2.00*		*28.6*	
		13.05	3.65	16.70			4.22		24.6	94862
		11.95	2.20	14.15			3.92		22.6	95403
		12.15	2.10	14.25			4.05		23.1	95465
		12.00					*4.00*		*22.8*	
4.98	4.98	10.65	1.85	12.50			10.06		48.7	94328
	5.00	*10.00*	*0.50*	*10.50*			*10.00*		*47.2*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Tennessee Chemical Co., (Armour owned)	**Cincinnati, Louisville, Nashville—Con.**
95211	Ox 3-8-6 Guano	R. E. Moore, Madisonville
95212		Clay Produce Co., Clay
		Guaranteed
95213	Ox Old Black Joe 2-10-4	P. A. Blackwell and Co., Henderson
95214		Morganfield Grocery and Hardware Co., Morganfield
		Guaranteed
94863	Ox 16% Superphosphate	Young Hardware Co., Hopkinsville
94864		Vick Smith, Bowling Green
95404		W. C. Grainger, Franklin
95405		V. B. Nuckols, Elkton
		Guaranteed
94332	Ox 20% Superphosphate	Manufacturer
		Guaranteed
94865	Ox Raw Bone	W. C. Grainger, Franklin
94866		Young Hardware Co., Hopkinsville
95406		V. B. Nuckols, Elkton
		Guaranteed
95466	Ox Bone Meal	Young Hardware Co., Hopkinsville
		Guaranteed
94867	Ox Nitrate of Soda	W. C. Grainger, Franklin
95215		J. J. Shaver and Co., Mayfield
		Guaranteed
95467	Ox Multiphos	Morganfield Hardware and Grocery Co., Morganfield
		Guaranteed
94346	Ox 32% Superphosphate	Manufacturer
		Guaranteed
94868	Ox 3-10-3 Guano	Young Hardware Co., Hopkinsville
		Guaranteed
94353	Ox 4-10-4 Guano	Manufacturer
		Guaranteed
94358	Ox 5-15-5 Guano	Manufacturer
		Guaranteed
95254	Ox 0-10-4 Fertilizer	Manufacturer
		Guaranteed
95255	Ox 2-10-2 Fertilizer	Manufacturer
		Guaranteed
	Tennessee Copper and Chemical	**Corp., Lockland, O.**
94199	Loma	Manufacturer
		Guaranteed
	Virginia-Carolina Chem. Corp.,	**Richmond, Va.**
94360	V-C Fairway Fertilizer	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
3.07	3.07	8.05	0.50	8.55			4.84	1.10	32.0	95211
2.80	2.80	8.00	3.65	11.65			5.67		31.5	95212
	3.00	*8.00*	*0.50*	*8.50*			*6.00*		*31.4*	
1.68	1.97	9.75	8.70	18.45			3.85		30.6	95213
1.72	1.99	10.45	8.80	19.25			3.89		31.8	95214
	2.00	*10.00*	*0.50*	*10.50*			*4.00*		*28.0*	
		16.85	2.25	19.10					20.2	94863
		16.40	1.50	17.90					19.7	94864
		16.15	2.05	18.20					19.4	95404
		16.45	1.85	18.30					19.7	95405
		16.00							*19.2*	
		21.95	0.90	22.85					26.3	94332
		20.00							*24.0*	
	3.92			22.15	100				37.8	94865
	3.83			21.75	100				37.1	94866
	3.82			21.10	100				36.4	95406
	3.70			*22.00*					*36.8*	
	2.04			28.50	57	43			36.7	95466
	2.47			*27.00*					*36.9*	
	15.32								61.3	94867
	15.64								62.6	95215
	15.00								*60.0*	
		44.10	1.40	45.50					52.9	95467
		45.00							*54.0*	
		33.00	1.50	34.50					39.6	94346
		32.00							*38.4*	
2.80	3.00	9.90	3.10	13.00			2.81		31.5	94868
	3.00	*10.00*	*0.50*	*10.50*			*3.00*		*30.8*	
4.40	4.40	10.80	0.35	11.15			3.97		38.7	94353
	4.00	*10.00*	*0.50*	*10.50*			*4.00*		*36.0*	
5.37	5.37	16.10	0.50	16.60			5.41		52.3	94358
	5.00	*15.00*	*0.50*	*15.50*			*5.00*		*48.7*	
		10.40	5.45	15.85			4.61		21.1	95254
		10.00					*4.00*		*19.8*	
1.92	2.19	10.60	3.30	13.90			2.22		28.6	95255
	2.00	*10.00*	*0.50*	*10.50*			*2.00*		*25.6*	
4.39	4.91	11.00	0.65	11.65			4.23		41.5	94199
	5.00	*10.00*	*0.65*	*10.65*			*4.00*		*40.1*	
5.61	6.40	6.85	3.35	10.20			5.53		43.9	94360
	6.00	*6.00*	*1.00*	*7.00*			*5.00*		*39.4*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Virginia-Carolina Chem. Corp., Richmond, Va.—Con.	
95216	V-C Phospho Tobacco 16%	Wash Strausbaugh, Brooksville
		Guaranteed
94458	V-C Phospho Tobacco 24%	Manufacturer
		Guaranteed
94459	V-C Potash Phospho Tobacco 0-14-4	Manufacturer
		Guaranteed
95217	V-C Potash Phospho Tobacco 1-10-10	E. T. Ford, Cave City
		Guaranteed
94870	V-C Ammoniated Phospho Tobacco 2-12-2	Hatter Hardware Co., Franklin
94871		L. W. Jones, Russell Springs
		Guaranteed
94462	V-C Ammoniated Phospho Tobacco 2-12-6	Manufacturer
		Guaranteed
94872	V-C Superphosphate 16%	Farmers Union Supply Co., Glasgow
95219		Taylor County Supply Co., Campbellsville
95220		A. W. Tarter, Columbia
95221		A. M. McConnell, Marion
95407		Farmers Union Supply Co., Glasgow
95408		H. A. Spradlin, Monticello
95409		Taylor County Supply Co., Campbellsville
		Guaranteed
95222	V-C Superphosphate 20%	M. G. Parman, London
95223		C. A. Casteel, E. Bernstadt
95410		Farmers Union Supply Co., Glasgow
		Guaranteed
94465	V-C Superphosphate 24%	Manufacturer
		Guaranteed
94466	V-C Capital Phosphate and Potash 0-10-4	Manufacturer
		Guaranteed
94467	V-C Plow Brand 0-10-10	Manufacturer
		Guaranteed
94468	V-C Prolific Crop Grower 0-14-4	Manufacturer
		Guaranteed
94469	V-C Potash Formula 0-14-6	Manufacturer
		Guaranteed
94873	V-C Farmer's Friend 1 8 3	Cook and Hollingsworth, Tompkinsville
95224		Denton Merc. Co., Hillsboro
95225		Ross and Haslin, Tompkinsville
95468		Hall Bros., Elkton
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
		15.75	1.90	17.65					18.9	95216
		16.00							*19.2*	
		24.35	1.90	26.25					29.2	94458
		24.00							*28.8*	
		15.80	1.10	16.90			4.48		29.1	94459
		14.00					*4.00*		*25.8*	
		11.10	4.90	16.00			9.83		28.5	95217
		10.00					*10.00*		*27.0*	
2.04	2.32	13.10	2.00	15.10			2.47		32.7	94870
1.71	2.22	12.40	3.50	15.90			2.48		31.9	94871
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
1.75	1.98	13.20	1.10	14.30			6.07		35.4	94462
	2.00	*12.00*	*2.00*	*14.00*			*6.00*		*34.0*	
		17.95	2.60	20.55					21.5	94872
		17.00	2.90	19.90					20.4	95219
		17.05	2.85	19.90					20.5	95220
		17.15	2.90	20.05					20.6	95221
		18.15	3.85	22.00					21.8	95407
		17.10	3.10	20.20					20.5	95408
		16.70	3.50	20.20					20.0	95409
		16.00							*19.2*	
		21.95	2.20	24.15					26.3	95222
		21.60	2.40	24.00					25.9	95223
		20.80	3.55	24.35					25.0	95410
		20.00							*24.0*	
		25.60	1.90	27.50					30.7	94465
		24.00							*28.8*	
		10.80	9.10	19.90			4.07		21.1	94466
		10.00					*4.00*		*19.8*	
		10.50	5.20	15.70			10.40		28.2	94467
		10.00					*10.00*		*27.0*	
		14.35	1.90	16.25			4.23		26.6	94468
		14.00					*4.00*		*25.8*	
		14.00	4.20	18.20			7.13		29.6	94469
		14.00					*6.00*		*28.2*	
0.92	1.16	8.40	9.40	17.80			3.16		24.8	94873
1.01	1.28	9.85	7.55	17.40			3.22		26.8	95224
0.85	1.21	7.50	10.70	18.20			3.14		24.1	95225
1.00	1.00	9.00	10.90	19.90			3.20		25.7	95468
	1.00	*8.00*	*2.00*	*10.00*			*3.00*		*20.4*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Virginia-Carolina Chem. Corp., Richmond, Va.—Con.	
94874	V-C Champion Corn and Wheat 1-10-1	H. A. Spradlin, Monticello
95411		H. A. Spradlin, Monticello
95412		Hall Bros., Elkton
		Guaranteed
94875	V-C Beef, Blood and Bone BBB 2-8-2	Eubanks Hardware Co., Eubanks
95226		C. A. Casteel, E. Bernstadt
95227		E. T. Ford, Cave City
		Guaranteed
94876	V-C Owl Brand 2-12-2	H. A. Spradlin, Monticello
95218		Clem Kendell and Son, Florence
95413		H. A. Spradlin, Monticello
		Guaranteed
94474	V-C Tomato and Truck 2-12-6	Manufacturer
		Guaranteed
94475	V-C Quality Crop Grower 2-14-4	Manufacturer
		Guaranteed
94476	V-C Big Potato and Truck 3-12-4	Manufacturer
		Guaranteed
94477	V-C Potato Grower 4-8-8	Manufacturer
		Guaranteed
94478	V-C Super 24 Fertilizer 4-16-4	Manufacturer
		Guaranteed
94479	V-C Good Luck 4-24-4	Manufacturer
		Guaranteed
94480	V-C Truck Special 3-8-6	Manufacturer
		Guaranteed
95228	V-C Tobacco Special 2-8-4 (Potash from Sulfate)	Pleas Evans, Berea
95229	V-C Tobacco and Truck 3-8-6 (Potash from Sulfate)	Clem Kendell and Son, Florence
95230		A. W. Tarter, Columbia
		Guaranteed
95231	V-C Tobacco Plant Food 3-11-0	Woodford Spears and Son, Paris
95232		Clem Kendell and Son, Florence
		Guaranteed
94877	Mt. Pleasant Superphosphate 16%	Hatter Hardware Co., Franklin
95414		Hall Bros., Elkton
		Guaranteed
94485	Mt. Pleasant Superphosphate 20%	Manufacturer
		Guaranteed
94486	Mt. Pleasant Phosphate and Potash	Manufacturer
94487	Mt. Pleasant Corn and Tobacco Grower	Guaranteed
		Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
0.90	1.14	14.25	4.50	18.75			1.22		29.2	94874
0.95	1.24	10.85	7.20	18.05			1.71		26.2	95411
0.62	0.62	13.25	8.10	21.35			0.99		26.8	95412
	1.00	*10.00*	*2.00*	*12.00*			*1.00*		*21.0*	
1.70	1.97	9.10	8.90	18.00			2.39		28.0	94875
1.59	1.88	9.70	7.05	16.75			2.58		28.0	95226
1.69	1.99	8.85	7.80	16.65			2.23		27.0	95227
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	
1.79	2.10	12.90	4.50	17.40			2.43		32.5	94876
1.75	2.08	12.80	4.65	17.45			1.92		31.7	95218
1.63	1.95	11.90	4.30	16.20			2.04		29.8	95413
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
1.73	2.01	13.30	1.20	14.50			5.76		35.4	94474
	2.00	*12.00*	*2.00*	*14.00*			*6.00*		*34.0*	
1.80	1.80	15.30	4.20	19.50			4.11		36.8	94475
	2.00	*14.00*	*2.00*	*16.00*			*4.00*		*34.6*	
2.66	2.88	12.70	1.60	14.30			3.60	0.76	36.7	94476
	3.00	*12.00*	*2.00*	*14.00*			*4.00*		*35.6*	
3.71	3.94	9.30	3.05	12.35			8.67		41.3	94477
	4.00	*8.00*	*2.00*	*10.00*			*8.00*		*38.4*	
3.75	4.00	15.50	4.10	19.60			4.93		46.8	94478
	4.00	*16.00*	*2.00*	*18.00*			*4.00*		*45.6*	
3.72	3.99	25.85	1.15	27.00			4.30		60.4	94479
	4.00	*24.00*	*4.00*	*28.00*			*4.00*		*58.4*	
2.84	3.08	9.05	5.20	14.25			5.98		35.2	94480
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	
1.86	2.11	9.00	8.00	17.00			0.64	3.43	31.1	95228
	2.00	*8.00*	*2.00*	*10.00*				*4.00*	*26.8*	
2.75	3.07	9.30	4.95	14.25			0.68	5.33	37.0	95229
2.72	3.02	9.40	4.45	13.85			0.68	5.22	36.6	95230
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
2.65	2.96	12.70	4.45	17.15					32.7	95231
2.77	3.03	12.20	4.25	16.45					32.1	95232
	3.00	*11.00*	*2.00*	*13.00*					*29.3*	
		17.30	3.10	20.40					20.8	94877
		17.40	4.10	21.50					20.9	95414
		16.00							*19.2*	
		19.90	3.50	23.40					23.9	94485
		20.00							*24.0*	
		10.60	5.50	16.10			3.94		20.6	94486
		10.00					*4.00*		*19.8*	
1.90	2.42	8.70	8.50	17.20			2.66		29.3	94487
	2.00	*8.00*	*2.00*	*10.00*			*2.00*		*23.2*	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Virginia-Carolina Chem. Corp.,	**Richmond, Va.—Con.**
95233	Black Patch Tobacco Grower	J. W. Spurrier and Son, Whitesville
		Guaranteed
94489	Mt. Pleasant Springfall Fertilizer	Manufacturer
		Guaranteed
94490	Mt. Pleasant Quality Crop Grower	Manufacturer
		Guaranteed
94491	Mt. Pleasant Tobacco and Truck Grower	Manufacturer
		Guaranteed
95234	V-C Ammoniated Phospho Tobacco 3-12-4	C. A. Mitchell, Clay
		Guaranteed
94658	V-C Concentrated Superphosphate 44%	Manufacturer
		Guaranteed
	Wessel, Duvall and Co.,	**New York City, N. Y.**
94878	Chilean Nitrate of Soda	Mayhew Feed Co., Franklin
		Guaranteed
	West Tennessee Fertilizer Co., Inc.,	**Humboldt, Tenn.**
94559	Ammoniated Mixture No. 1	Manufacturer
		Guaranteed
94560	Ammoniated Mixture No. 2	Manufacturer
		Guaranteed
94561	Ammoniated Mixture No. 3	Manufacturer
		Guaranteed
94562	Ammoniated Mixture No. 4	Manufacturer
		Guaranteed
94563	Ammoniated Mixture No. 5	Manufacturer
		Guaranteed
94564	Ammoniated Mixture No. 6	Manufacturer
		Guaranteed
95235	High Grade Superphosphate	Yopp Seed Co., Paducah
		Guaranteed
94566	Extra High Grade Superphosphate	Manufacturer
		Guaranteed
94567	Special Acid and Potash Mixture	Manufacturer
		Guaranteed

TABLE I.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
1.67	2.00	8.65	7.10	15.75			4.12		28.8	95233
	2.00	*8.00*	*2.00*	*10.00*			*4.00*		*25.6*	
1.94	2.17	12.30	3.10	15.40			2.35		31.2	94489
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
1.84	1.84	13.95	2.40	16.35			4.29		34.4	94490
	2.00	*14.00*	*2.00*	*16.00*			*4.00*		*34.6*	
2.48	3.31	9.50	5.20	14.70			5.78		36.5	94491
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	
2.73	2.98	11.95	2.00	13.95			4.23		35.7	95234
	3.00	*12.00*	*2.00*	*14.00*			*4.00*		*35.6*	
		44.40	2.40	46.80					53.3	94658
		44.00							*52.8*	
	15.36								61.4	94878
	15.25								*61.0*	
3.07	3.99	11.20	1.40	12.60			4.69		39.0	94559
	4.00	*10.00*	*2.00*	*12.00*			*4.00*		*36.6*	
2.96	3.51	10.35	5.85	16.20			3.48		36.1	94560
	3.00	*10.00*	*2.00*	*12.00*			*3.00*		*31.4*	
1.47	1.98	7.90	7.00	14.90			8.52		32.8	94561
	2.00	*8.00*	*3.00*	*11.00*			*8.00*		*30.8*	
1.66	2.25	8.10	9.95	18.05			4.71		30.8	94562
	2.00	*8.00*	*3.00*	*11.00*			*4.00*		*26.0*	
1.76	2.39	9.50	8.30	17.80			2.81		30.5	94563
	2.00	*10.00*	*2.00*	*12.00*			*2.00*		*26.2*	
2.93	4.21	10.80	2.90	13.70					34.2	94564
	4.00	*10.00*	*2.00*	*12.00*					*31.8*	
		18.55	0.25	18.80					22.3	95235
		16.00							*19.2*	
		22.80	0.25	23.05					27.4	94566
		18.00							21.6	
		11.15	7.95	19.10			4.12		24.9	94567
		10.00					*4.00*		*19.8*	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The American Agricultural	**Chemical Co., Cincinnati, O.**
95272	†Agrico for Grain	Clem Keltner, Campbellsville
		Guaranteed
94909	A. A. Top Notch Fertilizer	C. P. Clark and Sons, Owensboro
		Guaranteed
94691	†M-C Paramount Fertilizer	J. W. Schoolcraft, Somerset
		Guaranteed
94696	†Michigan Carbon Red Line Complete Manure	Albert Long, Scottsville
		Guaranteed
94926	†Michigan Carbon Homestead Bone Black Fertilizer	Otto Keith, Upton
95278		Mayhew Feed Co., Franklin
		Guaranteed
	The Armour Fertilizer Works,	**Cincinnati, Louisville, Nashville.**
94939	†Big Crop 0-16-8 Fertilizer	J. C. Everett and Co., Maysville
		Guaranteed
94941	†Big Crop 2-12-10 Fertilizer	Jackson Hardware and Grocery Co., Dixon
		Guaranteed
94712	†Big Crop 0-12-4 Fertilizer	Wilson, Winn and Co., Russellville
		Guaranteed
94721	†Big Crop 32% Superphosphate	J. W. Schoolcraft, Somerset
94951		Grigsby and Co., Bardstown
94952		Bert Hodges, Munfordville
		Guaranteed
94722	Big Crop Plant Bed Special	Harrodsburg Hardware and Implement Co., Harrodsburg
94953		Brent and Co., Paris
		Guaranteed
94956	†Big Crop Burley Tobacco Grower 3-8-6	Henderson and Hardy Co., Shepherdsville
		Guaranteed
	The Buhner Fertilizer Co.,	**Seymour, Ind.**
94971	†Buhner's Special Tobacco Grower	C. H. Moore, Cave City
		Guaranteed
94974	†Buhner's High Grade Tobacco Grower (Muriate)	Harvey Stout and Son, Fern Creek
		Guaranteed
94977	†Buhner's High Grade Potato and Tobacco Grower	J. H. and J. L. Lyon, Loretto
		Guaranteed
94983	Buhner's 20% Superphosphate	J. H. and J. L. Lyon, Loretto
		Guaranteed

TABLE II.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
2.01	2.01	12.20	1.55	13.75			**3.24**		30.9	95272
	2.00	*12.00*	*0.50*	*12.50*			*4.00*		*31.0*	
8.63	**9.36**	6.80	1.10	7.90			4.25		**53.2**	94909
	10.00	*6.00*	*2.00*	*8.00*			*4.00*		*54.6*	
2.82	3.11	**7.10**	2.40	9.50			0.92	5.63	33.6	94691
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
0.92	0.92	**7.30**	1.30	8.60			4.27		**20.3**	94696
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
1.92	**2.18**	7.45	1.75	9.20			2.42		**23.5**	94926
1.67	**1.92**	7.85	1.00	8.85			1.47		**21.6**	95278
	2.50	*8.00*	*2.00*	*10.00*			*1.50*		*24.6*	
		16.80	0.60	17.40			**6.97**		33.6	94939
		16.00					*8.00*		*33.6*	
2.84	2.84	12.85	1.30	14.15			**8.66**		41.6	94941
	2.00	*12.00*	*0.50*	*12.50*			*10.00*		*38.2*	
		9.25	6.40	15.65			**3.32**		**17.9**	94712
		12.00					*4.00*		*22.8*	
		31.05	1.00	32.05					**37.3**	94721
		30.90	0.70	31.60					**37.1**	94951
		31.20	0.70	31.90					37.4	94952
		32.00							*38.4*	
2.52	**3.53**	8.45	0.35	8.80			0.56	2.65	**31.6**	94722
2.48	**3.35**	8.90	0.30	9.20			0.84	2.65	31.9	94953
	4.00	*8.00*	*0.50*	*8.50*				*3.00*	*32.7*	
1.98	**2.65**	7.90	0.50	8.40			0.68	5.19	**31.3**	94956
	3.00	*8.00*	*0.50*	*8.50*				*6.00*	*33.2*	
3.00	**3.59**	**13.40**	2.10	15.50			4.32		**40.5**	94971
	4.00	*16.00*					*4.00*		*44.8*	
2.17	2.99	8.45	1.75	10.20			**5.23**		31.6	94974
	3.00	*8.00*					*6.00*		*31.2*	
3.49	4.45	9.90	2.85	12.75			**2.14**		**36.4**	94977
	4.00	*10.00*					*6.00*		*38.2*	
		18.10	1.30	19.40					**21.7**	94983
		20.00							*24.0*	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The Buhner Fertilizer Co.,	**Seymour, Ind.—Con.**
94985	Buhner's Special Crop Grower ½ Bone	C. H. Moore, Cave City
		Guaranteed
94986	Buhner's 2-8-2	Lexington Seed Co., Lexington
		Guaranteed
	Bunton and Huber Co.,	**Louisville, Ky.**
94128	B. and H. Special Grain Grower	Manufacturer
		Guaranteed
94132	B. and H. Lawn and Garden Fertilizer	Manufacturer
		Guaranteed
	Calumet Fertilizer Corporation,	**New Albany, Ind.**
94570	Calumet Brand High Grade Tobacco and Truck Grower	Manufacturer
		Guaranteed
	Cleveland Agricultural Chemical	**Co., New Albany, Ind.**
94989	Cleveland's All Crop Formula	J. F. Collings, Shepherdsville
		Guaranteed
	Consolidated Chemical Co.,	**Louisville, Ky.**
94749	†Camel Brand 16% Superphosphate	C. M. Langdon, Science Hill
		Guaranteed
94256	Camel Brand Raw Bone	Manufacturer
		Guaranteed
	Duncan and Sherley,	**LaGrange, Ky.**
94583	Tiger Brand A-1 Tobacco Grower	Manufacturer
		Guaranteed
	The Empire Guano Co.,	**Nashville, Tenn.**
93972	Red Banner Favorite 3-10-3	Manufacturer
		Guaranteed
93976	Kentucky Tobacco and Truck Grower	Manufacturer
		Guaranteed
93977	Superior Tobacco Grower	Manufacturer
		Guaranteed
	Evansville Fertilizer Co.,	**Evansville, Ind.**
94997	Superb Tobacco Booster	Eldred Hardware Co., Princeton
		Guaranteed
94600	Superb Dark Patch Special	Manufacturer
		Guaranteed
94602	Superb Best Bet	Manufacturer
		Guaranteed

TABLE II.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
1.06	1.86	9.70	3.70	13.40			**3.20**		**27.3**	94985
	2.00	*8.00*	*4.00*	*12.00*			*6.00*		*28.8*	
1.16	1.97	**6.80**	2.30	9.10			2.85		22.4	94986
	2.00	*8.00*					*2.00*		*22.4*	
2.40	2.40	**13.75**	1.80	15.55			7.44		39.9	94128
	2.00	*16.00*	*2.00*	*18.00*			*2.00*		*35.2*	
1.87	**1.87**	**10.95**	1.20	12.15			17.48		45.4	94132
	5.00	*12.00*	*2.00*	*14.00*			*4.00*		*43.6*	
1.33	**1.55**	**8.00**	0.70	8.70			9.27		**29.6**	94570
	3.00	*12.00*	*2.00*	*14.00*			*4.00*		*35.6*	
0.55	0.81	10.65	0.65	11.30			**2.91**		23.0	94989
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
		15.10	0.20	15.30					**18.1**	94749
		16.00							*19.2*	
	3.81			**20.75**	80	20			36.0	94256
	3.70			*22.00*					*36.8*	
2.70	3.21	10.00	1.50	11.50			**4.93**		34.4	94583
	3.00	*8.00*	*2.00*	*10.00*			*3.00*	*3.00*	*32.9*	
1.28	**2.28**	10.45	2.35	12.80			4.16		**30.7**	93972
	3.00	*10.00*	*3.00*	*13.00*			*3.00*		*31.8*	
1.08	**2.41**	8.15	1.95	10.10			0.72	6.50	**33.3**	93976
	3.00	*8.00*	*4.00*	*12.00*				*6.00*	*34.6*	
0.95	**1.31**	8.20	6.00	14.20				9.29	**31.7**	93977
	2.00	*8.00*	*4.00*	*12.00*				*8.00*	*33.6*	
1.61	**2.45**	10.80	3.15	13.95			**0.92**	**3.70**	32.3	94997
	3.00	*8.00*					*6.00*		*31.2*	
1.50	2.75	**8.35**	3.15	11.50			6.40		32.5	94600
	3.00	*10.00*					*3.00*		*30.6*	
1.11	1.75	10.85	3.10	13.95			**4.37**		29.8	94602
	2.00	*8.00*					*5.00*		*26.0*	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Evansville Fertilizer Co.,	**Evansville, Ind.—Con.**
94603	Superb Three "B" (Muriate)	Manufacturer
		Guaranteed
94609	Superb Steam Bone	Manufacturer
		Guaranteed
	Federal Chemical Co., Inc.,	**Louisville, Ky.**
95012	†Beef, Blood and Bone	Grayson County Supply Co., Leitchfield
		Guaranteed
94760	Best Burley Tobacco Grower	Forbes Mnfg. Co., Hopkinsville
94761		J. C. Sims, Bowling Green
		Guaranteed
95317	†Official Formula 2-12-6	B. F. Page, Oakland
		Guaranteed
94078	Double Formula 2-16-8	Manufacturer
		Guaranteed
94763	†Special Tobacco and Potato Grower	T. H. O'Bryan, Dawson Springs
		Guaranteed
95025	†Ky. Tobacco and Potato Grower	Bourbon Coal and Feed Co., Paris
95318		Vine Grove Feed Co., Vine Grove
		Guaranteed
95026	†Tobacco and Potato Fertilizer	A. B. Beale and Son, Murray
95027		Stewarts Cash Grocery, Horse Cave
		Guaranteed
95032	†High Grade Tobacco and Truck Grower	Shepherdsville Roller Mills, Shepherdsville
		Guaranteed
95436	†Champion Fertilizer	Dairyman's Feed and Supply Co., Mayfield
		Guaranteed
94890	†Official Formula 0-12-6	G. P. Summers, Clarkson
		Guaranteed
95322	†Pure Bone	Big Four Co., Franklin
95437		Yopp Seed Co., Paducah
		Guaranteed
95038	†Official Tobacco Formula	B. D. Jordan and Son, Flemingsburg
		Guaranteed
95046	Ten Ten Potash Fertilizer	J. M. Johnson, Benton
		Guaranteed
94097	Daybreak Raw Bone	Manufacturer
		Guaranteed
94101	1st Prize Raw Bone	Manufacturer
		Guaranteed

TABLE II.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
0.95	**1.45**	13.10	2.40	15.50			2.28	2.38	32.7	94603
	2.00	*8.00*					*2.00*		*22.4*	
	2.04			**28.80**	71	29			37.0	94609
	1.00			*30.00*					*34.0*	
1.65	2.29	**8.90**	1.40	10.30			3.35		27.1	95012
	2.00	*10.00*	*2.00*	*12.00*			*2.00*		*26.2*	
0.86	1.59	10.90	3.00	13.90			**0.64**	**4.05**	30.8	94760
1.10	1.95	8.50	3.60	12.10			**5.57**		**28.7**	94761
	2.00	*8.00*	*2.00*	*10.00*				*6.00*	*29.8*	
1.20	2.08	11.50	2.75	14.25			**4.91**		**32.6**	95317
	2.00	*12.00*	*2.00*	*14.00*			*6.00*		*34.0*	
4.04	4.24	**11.50**	2.70	14.20			7.90		44.8	94078
	2.00	*16.00*	*2.00*	*18.00*			*8.00*		*42.4*	
1.87	**2.52**	7.85	1.75	9.60			6.30		**30.1**	94763
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	
3.00	3.87	8.90	1.10	10.00			**0.72**	**4.16**	36.4	95025
1.68	3.10	9.10	2.65	11.75			**5.14**		33.3	95318
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
1.09	1.89	8.65	3.10	11.75			**9.10**		32.7	95026
1.84	2.23	9.35	1.30	10.65			**8.99**		34.3	95027
	2.00	*8.00*	*2.00*	*10.00*			*10.00*		*32.8*	
3.13	3.60	7.80	1.40	9.20			4.61		32.2	95032
	4.00	*8.00*	*2.00*	*10.00*			*4.00*		*33.6*	
2.08	**3.09**	13.00	1.30	14.30			**2.37**		**35.2**	95436
	4.00	*10.00*	*2.00*	*12.00*			*4.00*		*36.6*	
		12.40	1.00	13.40			**5.32**		25.0	94890
		12.00					*6.00*		*25.2*	
	1.96			**28.00**	75	25			35.8	95322
	1.83			**28.70**	78	22			36.0	95437
	1.00			*30.00*					*34.0*	
4.96	6.06	**7.05**	2.15	9.20			3.38		39.7	95038
	6.00	*8.00*	*2.00*	*10.00*			*3.00*		*40.4*	
		12.55	4.10	16.65			**8.87**		29.5	95046
		10.00					*10.00*		*27.0*	
	4.12			**18.40**	37	63			34.9	94097
	3.29			*20.00*					*33.2*	
	4.12			**18.40**	37	63			34.9	94101
	3.29			*20.00*					*33.2*	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Globe Fertilizer Co., Br. Federal	**Chem. Co., Inc., Louisville, Ky.**
94119	Globe Raw Bone	Manufacturer
		Guaranteed
	International Agricultural Corp.,	**Cincinnati, O.**
95085	International Quality Burley Tobacco Producer	Patrick Dillon, Hardinsburg
		Guaranteed
95090	†International Tobacco and Potato Grower	R. F. Emmons, Tolesboro
		Guaranteed
95092	†International High Grade Tobacco Special	R. F. Emmons, Tolesboro
		Guaranteed
95103	International Bone Meal	Yopp Seed Co., Paducah
		Guaranteed
	Joslin-Schmidt Corp., (Groves Fert. Works)	**Cincinnati, O.**
94789	Square Brand 2-10-8	Kelley Bros., Bowling Green
		Guaranteed
95110	†Square Brand 3-8-6	Minges Hardware Co., Newport
		Guaranteed
95112	Special Tobacco Fertilizer	M. D. Royse, Winchester
		Guaranteed
94385	Square Brand 4-24-12	Manufacturer
		Guaranteed
94793	†20% Superphosphate	H. D. Jones, Glasgow
		Guaranteed
	Ky. Fertilizer Co., Br. Federal	**Chem. Co., Inc., Louisville, Ky.**
94124	O-K Raw Bone	Manufacturer
		Guaranteed
	Knoxville Fertilizer Co.,	**Knoxville, Tenn.**
94644	Sulphate of Potash and Magnesia..	Manufacturer
		Guaranteed
	Louisville Fertilizer Co., (Armour owned)	**Cincinnati, Louisville, Nashville.**
95128	Louisville 3-8-6 Fertilizer	Ratliff Hardware Co., Princeton
		Guaranteed
	National Chemical Co.,	**Louisville, Ky.**
94183	Big Pay 2-16-2 Fertilizer	Manufacturer
		Guaranteed

TABLE II.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	Station Number
	4.12			**18.40**	37	63			34.9	94119
	3.29			*20.00*					*33.2*	
2.17	**3.36**	10.15	1.45	11.60			0.80	5.94	**39.1**	95085
	4.00	*10.00*	*1.00*	*11.00*				*6.00*	*40.4*	
1.84	3.06	8.40	0.80	9.20			**2.16**	**1.56**	**30.1**	95090
	3.00	*8.00*	*1.00*	*9.00*				*6.00*	*33.4*	
1.23	**1.53**	10.85	0.90	11.75			2.79	1.50	28.4	95092
	2.00	*10.00*	*1.00*	*11.00*				*4.00*	*29.4*	
	1.85			**27.15**	80	20			**34.6**	95103
	1.85			*29.00*					*36.4*	
0.95	**1.26**	11.05	0.45	11.50			8.54		**32.1**	94789
	2.00	*10.00*	*2.00*	*12.00*			*8.00*		*33.4*	
1.58	**1.93**	12.75	0.90	13.65			5.83		34.2	95110
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	
1.84	**2.34**	9.50	0.60	10.10			10.04	1.35	40.5	95112
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
3.93	4.60	**21.10**	1.30	22.40			14.35		72.8	94385
	4.00	*24.00*	*2.00*	*26.00*			*12.00*		*67.2*	
		18.95	1.15	20.10					**22.7**	94793
		20.00							*24.0*	
	4.12			**18.40**	37	63			34.9	94124
	3.29			*20.00*					*33.2*	
								24.04	**36.1**	94644
								26.00	*39.0*	
2.28	**2.28**	8.35	7.25	15.60			6.13		31.9	95128
	3.00	*8.00*	*0.50*	*8.50*			*6.00*		*31.4*	
2.52	2.52	**13.65**	1.65	15.30			7.31		40.0	94183
	2.00	*16.00*	*2.00*	*18.00*			*2.00*		*35.2*	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	National Chemical Co.,	**Louisville, Ky.—Con.**
94184	Big Pay 2-16-8 Formula	Manufacturer
		Guaranteed
94197	Big Pay Steamed Bone 1-30	Manufacturer
		Guaranteed
	North American Fertilizer Co.,	**Inc., Louisville, Ky.**
95149	†North American Crop and Tobacco Fertilizer	Henry Durham, Greensburg
95371		Aaron L. Moore, Leitchfield
		Guaranteed
94824	†North American Ky. Special Tobacco Grower	Aaron L. Moore, Leitchfield
		Guaranteed
95374	†North American Champion	Farm Bureau Supply Co., Elizabethtown
		Guaranteed
94152	North American 2-16-2 Fertilizer..	Manufacturer
		Guaranteed
94153	North American 2-16-8 Formula....	Manufacturer
		Guaranteed
94827	†North American Special Tobacco and Potato Fertilizer	A. T. Sanders, Lancaster
		Guaranteed
95156	North American Special Tobacco and Potato Grower	I. K. Miller and Son, Campbellsville ....
		Guaranteed
94676	†North American Blue Grass High Grade Tobacco Fertilizer (Sulphate)	J. W. Bell, Paris
		Guaranteed
	Price Chemical Co., Inc.,	**Louisville, Ky.**
95159	†Blue Grass Tobacco Fertilizer	I. K. Miller and Son, Campbellsville ....
		Guaranteed
95165	Superior Tobacco Fertilizer	Ellis Baize, Hartford
		Guaranteed
94836	Truck and Tobacco Fertilizer	Aaron L. Moore, Leitchfield
		Guaranteed
95167	3-8-6 Tobacco Grower	C. C. Crabb and Co., Eminence
		Guaranteed
95171	†Ten and Ten Percent Potash Fertilizer	J. M. Johnson, Benton
		Guaranteed
95176	†20% Superphosphate	Bishop and Bishop, Providence
		Guaranteed
94840	24% Superphosphate	J. H. Jasper, West Somerset
		Guaranteed
94229	Raw Bone	Manufacturer
		Guaranteed

TABLE II.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH			Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate	Index of Relative Value	
3.73	4.29	**11.20**	3.05	14.25			7.74		44.5	94184
	2.00	*16.00*	*2.00*	*18.00*			*8.00*		*42.4*	
	1.90			**28.50**	86	14			36.1	94197
	1.00			*30.00*					*34.0*	
0.68	1.30	9.70	3.50	13.20			**2.35**		24.0	95149
0.65	1.10	9.85	1.15	11.00			**2.91**		23.1	95371
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
1.56	2.15	10.00	1.70	11.70			**2.56**		27.4	94824
	2.00	*8.00*	*2.00*	*10.00*			*5.00*		*26.8*	
1.27	1.95	**10.90**	1.70	12.60			2.40		**27.7**	95374
	2.00	*12.00*	*2.00*	*14.00*			*2.00*		*29.2*	
2.52	2.52	**13.65**	1.65	15.30			7.31		40.0	94152
	2.00	*16.00*	*2.00*	*18.00*			*2.00*		*35.2*	
3.73	4.29	**11.20**	3.05	14.25			7.74		44.5	94153
	2.00	*16.00*	*2.00*	*18.00*			*8.00*		*42.4*	
2.16	2.89	9.20	2.00	11.20			**4.60**		31.7	94827
	3.00	*8.00*	*2.00*	*10.00*			*6.00*		*32.0*	
2.43	3.26	8.65	1.10	9.75			**3.52**	**1.71**	33.3	95156
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
5.10	**5.48**	7.80	0.90	8.70			1.88	1.22	**38.1**	94676
	6.00	*8.00*	*2.00*	*10.00*				*3.00*	*41.3*	
0.69	1.03	8.10	0.25	8.35			**3.28**		**20.3**	95159
	1.00	*8.00*	*2.00*	*10.00*			*4.00*		*21.6*	
1.65	2.10	8.10	0.25	8.35			**4.68**		**26.3**	95165
	2.00	*8.00*	*2.00*	*10.00*				*5.00*	*28.3*	
1.75	**2.32**	8.85	0.25	9.10			3.71		**27.1**	94836
	3.00	*8.00*	*2.00*	*10.00*			*3.00*		*28.4*	
2.32	2.91	8.90	0.50	9.40			**0.60**	**4.74**	33.0	95167
	3.00	*8.00*	*2.00*	*10.00*				*6.00*	*33.8*	
		8.70	0.30	9.00			9.99		**25.0**	95171
		10.00					*10.00*		*27.0*	
		17.70	0.30	18.00					**21.2**	95176
		20.00							*24.0*	
		22.15	0.50	22.65					**26.6**	94840
		24.00							*28.8*	
	3.81			**20.75**	80	20			36.0	94229
	3.71			*22.00*					*36.8*	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Read Phosphate Co.,	**Nashville, Tenn.**
93953	Red Diamond Special 2-12-4	Manufacturer
		Guaranteed
95180	Red Diamond Special 3-8-6	B. D. Jordan and Son, Flemingsburg
95464		Cadiz Hardware Co., Cadiz
		Guaranteed
94846	†Red Diamond Special 2-8-8	J. H. Jasper, W. Somerset
		Guaranteed
95189	†Red Diamond Truck and Tobacco Spl. 2-8-8	L. F. Thurmond, Murray
95190		S. A. Browning, Vanceburg
		Guaranteed
94855	Pure Raw Bone Meal	J. H. Jasper, W. Somerset
		Guaranteed
	Smith Agricultural Chem. Co.,	**Columbus, O.**
94625	Smith Sacco 2-16-2	Manufacturer
		Guaranteed
94630	Smith Sacco 0-8-24	Manufacturer
		Guaranteed
94634	Smith Sacco 0-10-5	Manufacturer
		Guaranteed
	Swift and Company, Inc.,	**St. Louis, Mo.**
95196	†Swift's Red Steer 4-16-4	Fisher Henry, Carlisle
		Guaranteed
94896	†Swift's Red Steer 3-8-6 Tobacco Grower	S. B. Fox, Mt. Washington
95200		W. C. Bonta, Pleasureville
		Guaranteed
	Virginia-Carolina Chem. Corp.,	**Richmond, Va.**
94359	Bloomaid	Manufacturer
		Guaranteed
94492	Mt. Pleasant Truck Grower	Manufacturer
		Guaranteed
95415	V-C Pure Bone Meal (Steamed) 1-29	Hall Bros., Elkton
		Guaranteed

TABLE II.

NITROGEN		PHOSPHORIC ACID			Percentage Of Fineness		POTASH		Index of Relative Value	Station Number
Water Soluble	Total	Available	Insoluble	Total	Fine Bone	Medium Bone	Muriate	Sulfate		
1.04	**1.47**	15.30	2.55	17.85			5.23		36.1	93953
	2.00	*12.00*	*3.00*	*15.00*			*4.00*		*32.0*	
2.36	3.02	9.10	6.90	16.00			**3.12**	**1.07**	33.8	95180
2.45	3.15	9.70	6.70	16.40			**5.04**		35.9	95464
	3.00	*8.00*	*4.00*	*12.00*			*6.00*		*32.8*	
1.47	1.81	9.70	8.50	18.20			**7.07**		33.7	94846
	2.00	*8.00*	*4.00*	*12.00*			*8.00*		*31.2*	
0.97	**1.55**	8.90	9.35	18.25			7.82		32.7	95189
1.06	**1.59**	8.90	8.85	17.75			8.18		33.1	95190
	2.00	*8.00*	*4.00*	*12.00*				*8.00*	*33.6*	
	3.79			**18.85**	75	25			34.0	94855
	3.70			*20.00*					*34.8*	
1.28	**1.66**	15.90	0.70	16.60			2.04		**33.2**	94625
	2.00	*16.00*	*0.60*	*16.60*			*2.00*		*34.6*	
		8.50	0.40	8.90			**22.22**		**39.4**	94630
		8.00					*24.00*		*40.8*	
		11.05	0.75	11.80			**3.80**		21.1	94634
		10.00					*5.00*		*21.0*	
3.18	**3.41**	15.45	0.70	16.15			3.88		**41.8**	95196
	4.00	*16.00*	*0.50*	*16.50*			*4.00*		*45.0*	
2.40	2.93	9.60	0.65	10.25			**0.64**	**4.46**	33.8	94896
2.33	2.87	9.50	0.40	9.90			**0.84**	**4.46**	33.6	95200
	3.00	*8.00*	*0.50*	*8.50*				*6.00*	*33.2*	
3.00	**3.50**	10.90	2.40	13.30			4.90		**37.2**	94359
	5.00	*10.00*	*1.50*	*11.50*				*4.00*	*41.6*	
3.17	**3.51**	15.80	1.20	17.00			3.76		**42.7**	94492
	4.00	*16.00*	*2.00*	*18.00*			*4.00*		*45.6*	
	3.10			**25.30**	80	20			37.7	95415
	1.00			*29.00*					*33.0*	

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